Government of
Saskatchewan

# Statistical Supplement to the Annual Report for the Year Ending March 31, 1989

## Saskatchewan Health

## Medical Care Insurance Branch

- Medical Care Insurance Plan
- Supplementary Health Program
- Children's Dental Program

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Government of Saskatchewan

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# Preface

This document is a statistical supplement to the Annual Report of Saskatchewan Health for the fiscal year 1988-89. It contains statistical data concerning the programs administered by the Medical Care Insurance Branch, including the Medical Care Insurance Plan, Supplementary Health Program, and Children's Dental Program.

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## Highlights

- In 1988-89, the Medical Care Insurance Branch (MCIB) assumed administrative responsibility for the Children's Dental Program, in addition to its previous responsibilities for the Medical Care Insurance Plan and the Supplementary Health Program.
- Payments by MCIB under the program areas totalled $243.1 million. Administration added a further $5.6 million in expenditures (2.3% of program costs).
- MCIB also made payments in 1988-89 to support the Saskatchewan Medical Association's Continuing Medical Education Fund and to Dental Residency and Optometric Summer Student programs.
- Effective November 1, 1988 MCIB became the paying agent on behalf of the Provincial Laboratory for the treatment of sexually transmitted diseases.
- An inter-provincial agreement was implemented on April 1, 1988, including all provinces except Quebec, for the reciprocal processing of medical claims.

### Medical Care Insurance Plan

- The number of claims received for processing in 1988-89 totalled more than 8.7 million, including claims for cancer services and out-of-province beneficiaries (a 4.5% increase over 1987-88).
- The number of beneficiaries eligible to receive services declined marginally to 1,044,151. Of this number, 87% received services during the year from a physician, 21% from an optometrist, and 11% from a chiropractor.
- Benefits paid for insured services — provided by physicians, optometrists, chiropractors, and dentists — amounted to $229.1 million, an increase of 7.1% on a per capita basis.
- Agreements reached with the various professional associations provided fee increases in 1988-89 as follows:

  physicians — 3% October 1, 1988

  optometrists — 3.5% January 1, 1989

  chiropractors — 3.0% October 1, 1988
- Program expenditures by area were:

| | |
|---|---|
| physicians | $208,754,000 |
| optometrists | 7,477,000 |
| chiropractors | 11,617,000 |
| dentists | 1,248,000 |

- The overall number of active physicians in Saskatchewan declined at year end to 1,167 from 1,186 in 1987-88. The decline came in the specialty areas (down 10 to 398) and in rural general practitioners (down 20 to 241), with urban general practitioners increasing by 11.

  Both optometrists and chiropractors showed modest increases in numbers, each up by 3 to 90 and 99 respectively.
- Average payments to active practitioners showed increases across the board:

| | |
|---|---|
| General Practitioners | $134,400 up 3.5% |
| Specialists | 224,000 up 9.9% |
| All Physicians | 165,000 up 6.2% |
| Optometrists | 80,700 up 12.1% |
| Chiropractors | 112,000 up 6.1% |

### Supplementary Health Program

- The average number of beneficiaries under the program fell from 65,480 in 1987-88 to 64,443 in 1988-89.
- Program expenditures per beneficiary rose to $102.31 in 1988-89 from $97.39 the previous year.

## Children's Dental Program

- The number of children assigned to dentists by their parents (i.e. registered) increased by 5,060 in 1988-89 to 130,690.
- 90.8% of the eligible children were registered in the program in 1988-89 compared to 88.6% in the previous year.
- 91.7% of the registered children received dental services in 1988-89 — a slight increase over 1987-88· 93.6% of registered rural children visited a dentist at least once in the year under review.
- The rates of decayed, missing and filled teeth generally continued to fall among Saskatchewan children.
- The uniform payment to the College of Dental Surgeons for each child seen at least once increased from $76.88 in 1987-88 to $85.00 in 1988-89.

# Medical Care Insurance Branch
# 1988-89 Expenditures

| | |
|---|---|
| Medical Care Insurance Plan | $227,274,080 |
| Supplementary Health Program | 6,516,400 |
| Children's Dental Program | 9,345,278 |
| Administration | 5,630,985 |
| Continuing Medical Education | 350,000 |
| Grants to Support Health Services | 57,422 |
| — Dental Residency | |
| — Optometric Summer Student | |
| **Total Expenditures** | **$249,174,165** |

## Notes

1. There is a difference between Medical Care Insurance Plan payments shown above and the total payments shown in the statistical tables. The difference is due to accounting adjustments (e.g. the handling of payments to and from other provinces for claims processed under the reciprocal billing arrangement), certain recoveries, adjustments for retroactive payments, handling of cancer services and services related to sexually transmitted diseases, and payments to Hospital Services Branch on a global basis for medical and optometric services provided in community clinics.
2. The amounts shown for the Supplementary Health Program and Children's Dental Program have been altered to reflect changes in the organization. The aggregate total corresponds to Public Accounts.

# Medical Care Insurance Plan

The Medical Care Insurance Plan provides insurance coverage to Saskatchewan residents for a wide range of services provided by physicians, chiropractors and optometrists, as well as a limited range of services provided by dentists.

All residents of Saskatchewan, with a few exceptions (members of the Canadian Forces, RCMP, inmates of Federal Penitentiaries) are eligible to receive benefits, with the sole requirement being plan registration. No premiums are levied.

**Subject to the exclusions detailed later in this section, the following services are insured:**

## Physician Services

**Medical Services** — The diagnosis and treatment by a physician of all medical disabilities and conditions.

**Surgical Services** — Surgical procedures by a physician including diagnosis, pre- and post-operative care and the services of physician surgical assistants when required.

**Maternity Services** — Care during pregnancy and delivery, and after care of the mother and child by a physician.

**Anaesthesia** — The administration of anaesthesia by a physician including:

- anaesthesia for diagnostic, surgical and other procedures
- obstetrical anaesthesia
- dental anaesthesia out of hospital when rendered by a physician who is a specialist in anaesthesia.

**Diagnostic Services — In Hospital**

- diagnostic services other than x-ray or laboratory services or services involving a tracing.

**Diagnostic Services — Out of Hospital**

- x-ray services, including interpretations, provided by a specialist in radiology
- laboratory services, including interpretations, provided by a specialist in pathology
- an approved list of laboratory services provided by a physician other than a pathologist
- other diagnostic services provided by a physician.

**Preventive Medical Services** — Immunization services where not available through any government or municipal agency; examination and report for adoptions for both child and parents; examination and report for persons becoming foster parents; a routine physical examination by a physician but not including an examination for the purpose of insurance, employment, vehicle seatbelt exemptions or at the request of a third party.

**Refractions** — Eye examinations to determine refractive error.

## Optometric Services

**Routine and Partial Eye Examinations** — Unless special medical factors are present, the frequency of examinations to determine refractive error is limited to one in any 24-month period for beneficiaries aged 18 to 64. Beneficiaries of all other ages are eligible for a routine eye examination once every 12 months.

**Tonometry** — The measuring of intraocular pressure is an insured service when it is provided during a routine eye examination to beneficiaries 40 years of age or more.

## Dental Services

Services in connection with maxillo-facial surgery required to treat a condition caused by an accident.

Certain services in connection with abnormalities of the mouth and surrounding structures.

Services for the orthodontic care of cleft palate upon referral to a dentist by a physician or another dentist.

Certain x-ray services when provided by a dentist who is a specialist in oral surgery.

Extraction of teeth medically required for the provision of:

- heart surgery,
- services for chronic renal disease, or
- services for total joint replacement by prosthesis

where the beneficiary was referred to a dentist by a specialist in the surgical field and where prior approval of the MCIB is received.

### Chiropractic Services

Chiropractic visit and x-ray services.

### Out-of-Province Services

Most services insured in Saskatchewan are insured outside the province.

Services provided by physicians in other provinces except Quebec are covered by a reciprocal billing arrangement. Saskatchewan beneficiaries are not normally billed for insured physician services provided in other provinces except for certain services excluded from the reciprocal billing arrangement. In most cases, physicians bill the provincial health plan of the provinces in which the services are provided. The host plan then bills the home province of the patient for the services provided.

### Exclusions

**The following services are not insured:**

Health services received under other public programs including: The Hospital Services Plan, The Workers' Compensation Act, The Mental Health Act. MCIB acts as paying agent on behalf of the Provincial Laboratory for the treatment of sexually transmitted diseases.

Diagnosis and treatment of cancer — all services for the diagnosis and treatment of cancer, except for certain diagnostic services provided by a physician prior to referral to a Cancer Clinic. Diagnostic and treatment services for cancer are provided under The Cancer Foundation Act to residents registered with a Saskatchewan Cancer Clinic. The Medical Care Insurance Branch acts as a paying agent for the Cancer Foundation. The Cancer Foundation refunds MCIB for the cost of cancer services.

The following physician services are excluded:

- travelling
- advice by telephone
- surgery for cosmetic purposes
- any mental or physical examination for the purpose of employment, insurance, judicial proceedings, vehicle seatbelt exemptions or at the request of a third party.

The following additional services are excluded under the Medical Care Insurance Plan:

- ambulance services and other forms of transportation of patients
- services provided by special duty nurses
- services provided by chiropodists, podiatrists, naturopaths or osteopaths
- dentistry, except as described under Insured Services — Dental Services
- drugs
- appliances (e.g. eyeglasses, artificial limbs).

### Methods of Payment

**The Medical Care Insurance Branch makes payment for insured services by the following methods:**

- fee-for-service billing by practitioners based on negotiated fee schedules
- contract payments to specified practitioners for the provision of specified services
- global budget funding for the operation of community clinics. MCIB makes payments to cover the cost of insured services to the Hospital Services Branch, which sets the global budgets and allocates funds to the four community clinics in the province.

Practitioners may choose to practise entirely outside the Medical Care Insurance Plan, in which case the services provided by that practitioner are uninsured.

### Professional Review

**Joint Professional Review Committees** have been formed with the various professional associations and licensing bodies to evaluate the billing and practice patterns of practitioners. These Committees are empowered to make monetary reassessments and levy fines of up to $50,000.

# Statistical Tables

## Introductory Notes

**General** — The following tables are based upon Medical Care Insurance Branch payments made during 1988-89 for medical, optometric, chiropractic and dental services provided to Plan beneficiaries as outlined in Table 4, page 20.

A global system of payment for medical and optometric services is used for four community clinics in the province with services being recorded on the same basis as fee-for-service items.

The statistical tables exclude data on cancer services paid by MCIB on behalf of the Saskatchewan Cancer Foundation. The tables also exclude data on services for treatment of sexually transmitted diseases paid by MCIB on behalf of the Provincial Laboratory.

The tables include data on services provided to Saskatchewan residents by practitioners outside the province where noted, but exclude data related to services provided by Saskatchewan practitioners to beneficiaries from other provinces.

**Beneficiaries** — Beneficiary information, such as the age-sex structure, is based upon records maintained by Health Insurance Registration of Saskatchewan Health.

**Date of Payment** — Statistics are based upon the date a service was paid, and not upon the date the service was provided. Statistics for the fiscal year 1988-89 include some services rendered in 1987-88.

**Payment Adjustments** — The difference between Medical Care Insurance Plan payments shown in the Statement of Expenditures, page 8, and the total payments shown in the statistical tables is due to accounting adjustments (e.g. the handling of payments to and from other provinces for claims processed under the reciprocal billing arrangement), certain recoveries, adjustments for retroactive payments, handling of cancer services and services related to sexually transmitted diseases, and the payments to Hospital Services Branch on a global basis for medical and optometric services provided in community clinics.

Statistical tables have not been adjusted for recoveries resulting from professional review activities. The amount of such recoveries is shown in Table 2.

**Retroactive Payments** — From time to time, the MCIB is required to make payments retroactively to practitioners, pursuant to agreements with the respective professional associations. The data has been adjusted to include the retroactive payments applicable to the time period covered by the report.

## Definitions of Service Groupings (Tables 7 to 10)

(a) **Complete Assessments** — A complete assessment comprises a full history review, an examination of all parts or systems, a complete record and advice to the patient, and may include a detailed examination of one or more parts or systems. A complete assessment may be provided to new or former patients.

(b) **Partial Assessments or Subsequent Visits** — A partial assessment is a visit which comprises history review, history of the presenting complaint, and an examination of the affected parts, regions or systems. Well baby care provided in the office is included in this category. Initial assessments are included in this classification.

(c) **Minor Assessments** — Follow-up assessments by specialists usually following an initial assessment to review the process of treatment, or when a patient is seen for a relatively minor condition.

(d) **Special Calls** — Includes surcharge payments made in association with visits or other services provided by physicians when specially called to attend a patient on a priority basis; special care home and nursing home routine visit services; and follow-up house calls not specially called.

(e) **Hospital Care** — Physician services provided in a hospital on a visit per day basis. Hospital visits covered by a composite payment such as hospital care following surgery are not included.

(f) **Consultations** — A consultation is the referral of a patient by one physician to another for examination, diagnosis, and written report. The patient may return to the referring physician for treatment or receive treatment from the consultant.

(g) **Psychotherapy** — Includes treatment interview, group therapy, and counselling.

(h) **Laboratory Services** — All out-of-hospital laboratory services by specialists in pathology and common office laboratory services provided by other physicians.

(i) **Diagnostic Radiology** — All out-of-hospital technical procedures and interpretations by specialists in Radiology.

(j) **Other Diagnostic Procedures** — Includes electrocardiograms, electroencephalograms, diagnostic ultrasound, biopsies, sigmoidoscopies, allergy investigations, administration of contrast media for radiology, and other diagnostic procedures. Dilatation and curettage is included in this grouping.

(k) **Major Surgery** — Surgical procedures for which the specialist fee listed in the Payment Schedule was $25.50 or more as of April 30, 1975.

(l) **Minor Surgery** — Surgical procedures for which the specialist fee listed in the Payment Schedule was less than $25.50 as of April 30, 1975.

(m) **Obstetrics** — Includes confinements, abortions, caesarian sections, but excludes gynaecological surgery, and pre- and post-natal visits.

(n) **Anaesthesia** — All anaesthetic procedures are included in this category (see page 9).

(o) **Surgical Assistance** — Services of physicians as required to assist the surgeon at an operation.

(p) **Major Therapeutic Procedures** — Comprise special psychiatric treatment procedures, allergy treatments and other therapeutic procedures for which the specialist fee listed in the Payment Schedule was more than $17.00 as of April 30, 1975.

(q) **Minor Therapeutic Procedures** — Comprise special psychiatric treatment procedures, allergy treatments and other therapeutic procedures for which the specialist fee listed in the Payment Schedule was less than $17.00 as of April 30, 1975.

(r) **Refractions by Physicians** — Eye examinations to determine the refractive state of the eye, when provided by a physician.

(s) **Services by Optometrists** — Includes eye examinations to determine the refractive state of the eye, when provided by an optometrist, partial examinations and tonometry testing.

(t) **Services by Chiropractors** — Includes visit services and x-ray services provided by chiropractors.

(u) **Dental Services** — Includes certain insured services provided by dentists, i.e. oral surgery, or orthodontic services for the care of cleft palate, and the extraction of teeth necessary to be performed before the provision of certain surgical procedures.

## Categories of Practitioners (Tables 12 and 15 to 23)

I. **Physicians**

(a) **General Practitioner** — A physician registered with the College of Physicians and Surgeons of Saskatchewan whose name does not appear on the specialist listing mentioned in (b) below. Includes physicians who while not specialists, limit their practice to specific specialty areas.

(i) **Urban** — A general practitioner who practises in a locality having 10,000 or more residents.

(ii) **Rural** — A general practitioner who practises in a locality having fewer than 10,000 residents.

(iii) **Association** — A general practitioner who maintains patients' medical records with one or more other physicians.

(iv) **Solo** — A general practitioner who is not working in association with another physician.

(b) **Specialist** — A physician listed by the College of Physicians and Surgeons of Saskatchewan as eligible to receive MCIB payments at specialist rates. If a physician is listed as a specialist during the year, only those services provided after such listing are included with specialist services.
**Note:** Physiatrists are included with Internists; Medical Geneticists with Paediatricians, and specialists in the combined specialty of Ophthalmology and Otolaryngology are included with Ophthalmologists.

II. **Optometrist** — A practitioner registered by the Saskatchewan Association of Optometrists.

III. **Chiropractor** — A practitioner registered by the Chiropractors' Association of Saskatchewan.

**Figure 1**

**Annual Per Cent Change in Number of:**
**Persons Covered by the Plan, Physicians, Services Per Patient, and Persons Receiving Services**
**(Indexed to Base Year 1983/84)**

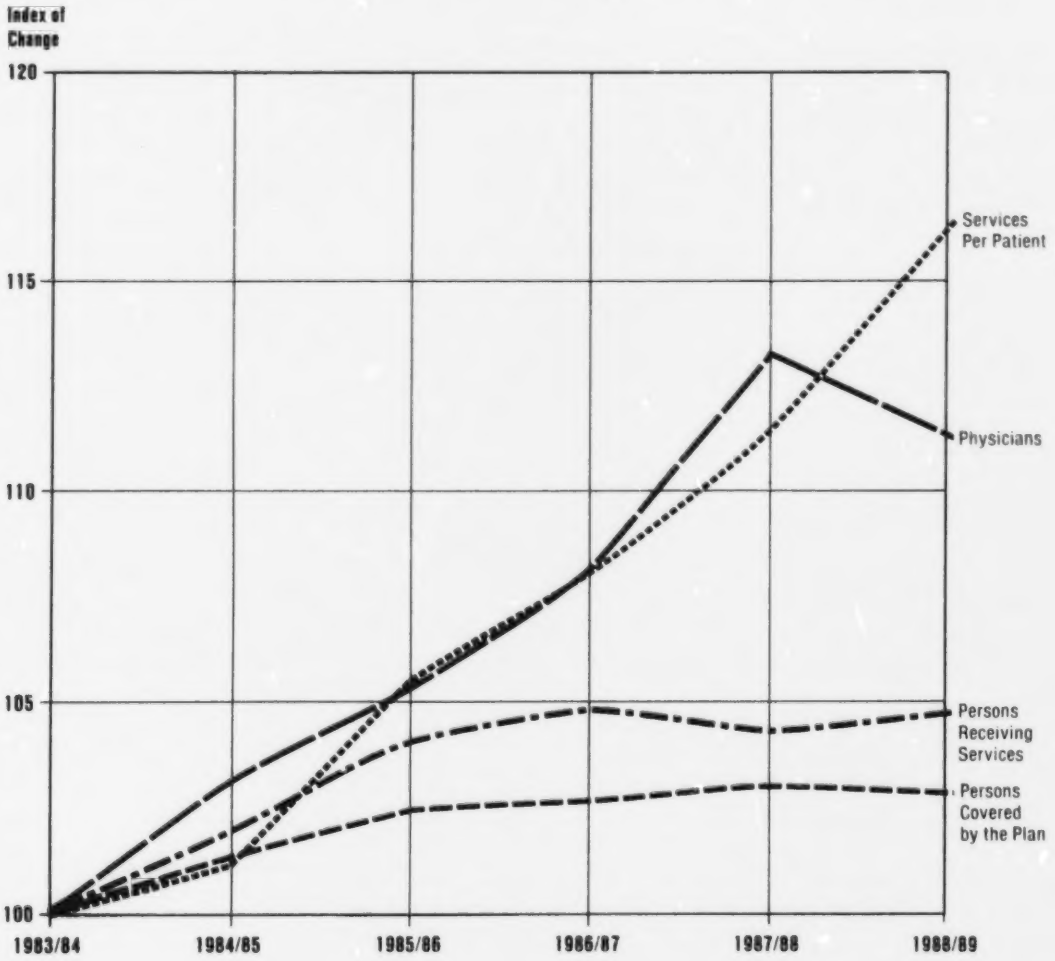


**Figure 2**

**Annual Per Cent Change in Services Per 1,000 Beneficiaries for Selected Types of Physician Services (Indexed to Base Year 1983/84)**

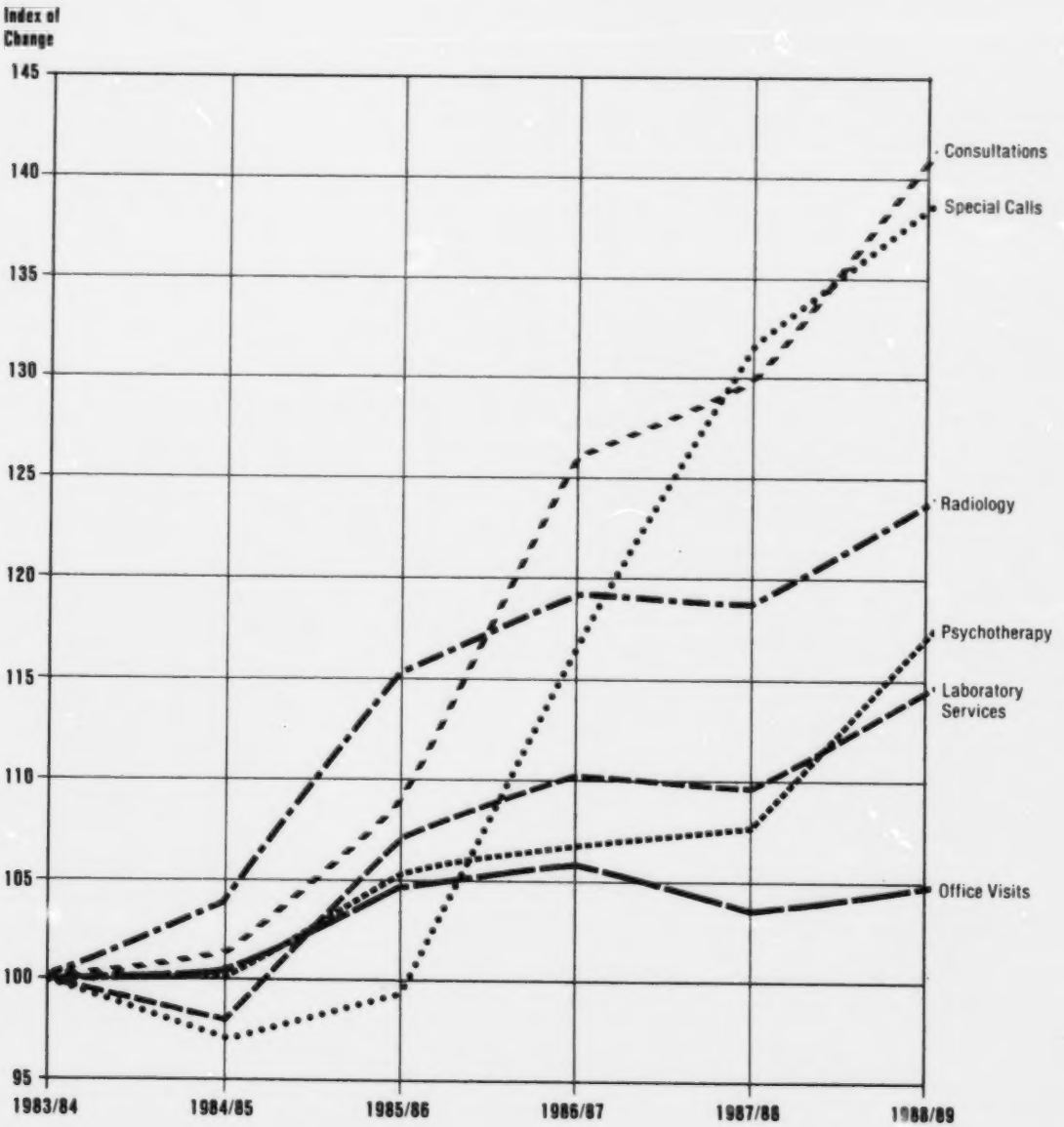


**Figure 3**

**Per Cent of Physicians by Range of MCIB Payment, 1983/84 to 1988/89**

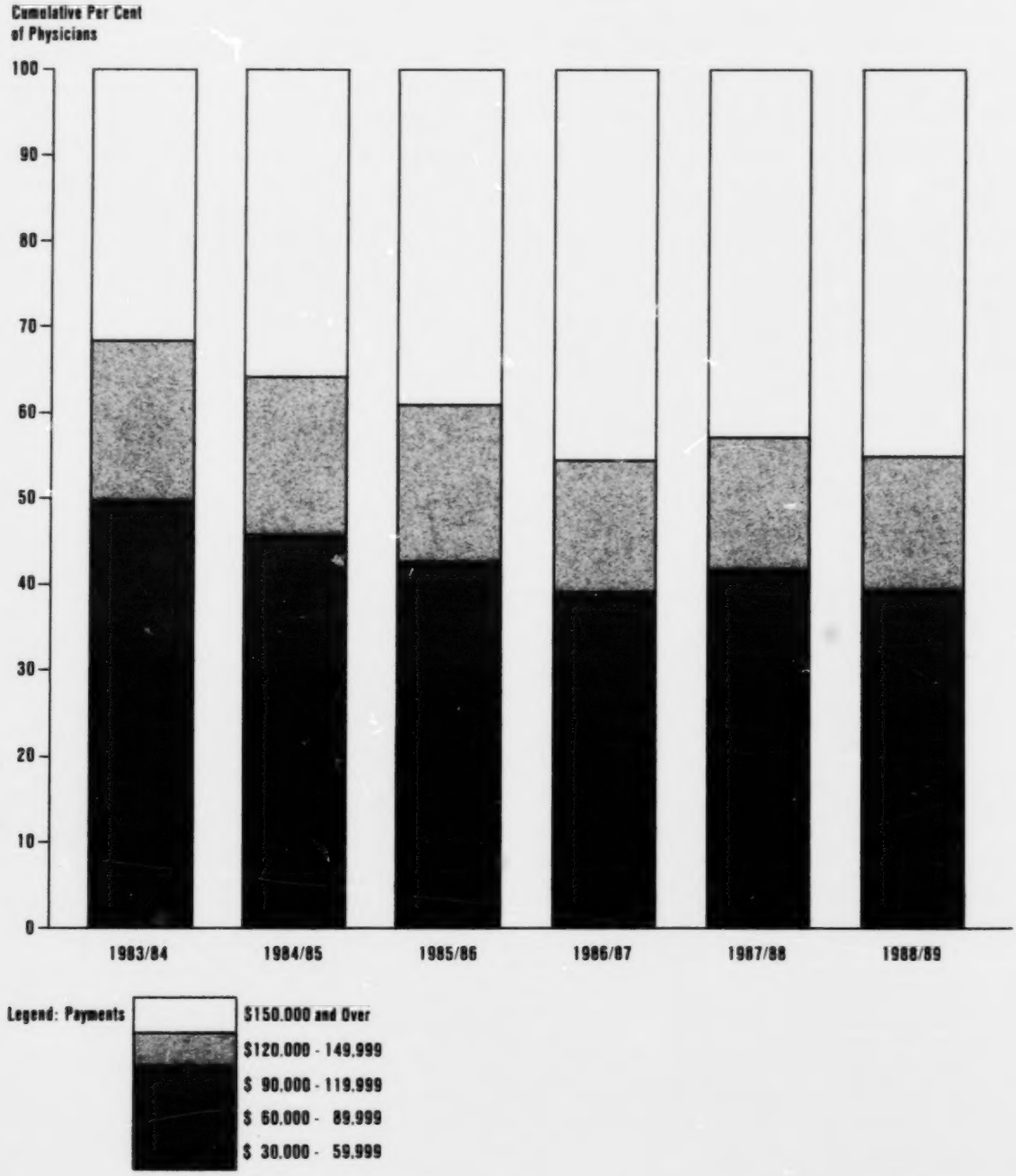
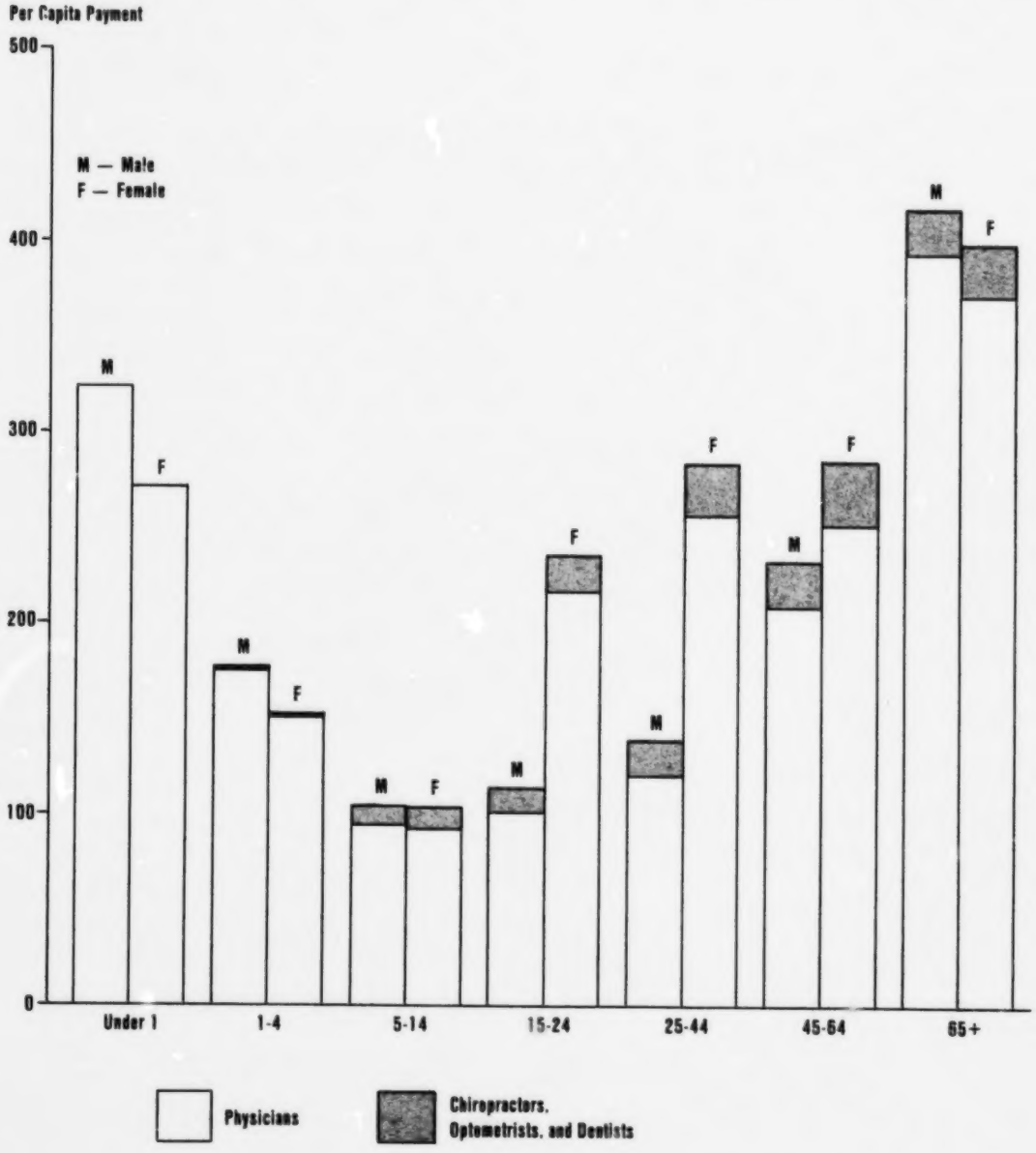


**Figure 4**

**Per Capita Payments for Insured Services**
**By Age and Sex of Beneficiary**



## Table 1

### Analysis of Per Cent Change in Annual Gross Payments

| Year | Gross Payments for Insured Services (000's) | Per Cent Change Due to: Change in Population | Increase in Fees | Change in Coverage[1] | Change in Value of Claims Inventory[2] | Change in Per Capita Utilization[3] | Total Per Cent Change |
|---|---|---|---|---|---|---|---|
| 1984-85 | 175,458 | — | — | — | — | — | — |
| 1985-86 | 188,735 | 1.03 | 0.99 | −0.06 | −0.91 | 6.52 | **7.57** |
| 1986-87 | 208,866 | 0.21 | 5.94 | 0.21 | −0.25 | 4.56 | **10.67** |
| 1987-88 | 214,142 | 0.39 | 0.03 | — | 0.47 | 1.63 | **2.52** |
| 1988-89 | 229,096 | −0.12 | 1.18 | 0.58 | 0.87 | 4.47 | **6.98** |
| Average Annual Per Cent Change 1984-85 to 1988-89 | — | 0.38 | 2.04 | 0.18 | 0.05 | 4.29 | **6.94** |

[1] Beginning August 1, 1985 four physicians and three chiropractors opted to bill patients outside of the coverage of the Medical Care Insurance Plan. The physicians opted back under the Plan on August 28, 1985, while the chiropractors remained opted out. An adjustment for services provided in the opted out periods reflects the value of the opted out services in 1985-86. In 1986-87, represents the addition of new insured services to the Payment Schedule. In 1988-89, represents the addition of new insured services to the Payment Schedule and the cost impact of reciprocal billing.

[2] Increases or decreases in the dollar value of claims on hand for processing compared to the previous year.

[3] The change in adjusted gross payments per beneficiary for medical, optometric and chiropractic services. The 1985-86 period included one week of processing more than the 1984-85 fiscal year.

## Table 2

### Adjustments and Recoveries by the Medical Care Insurance Branch

| | 1987-88 | | 1988-89 | |
|---|---|---|---|---|
| | Number of Practitioners[1] | Adjustment or Recovery (000's) | Number of Practitioners[1] | Adjustment or Recovery (000's) |
| Routine Assessment[2] | 1,834 | $6,189.1 | 1,903 | $6,227.7 |
| Special MCIB Studies and Professional Review Activity[3] | 38 | 380.6 | 3 | 47.8 |
| **Total** | — | **$6,569.7** | — | **$6,275.5** |

[1] Practitioners who received a MCIB payment during the year.

[2] The dollar adjustments represent the difference between the amount on claims submitted and the amount assessed, including adjustments resulting from verification programs.

[3] The dollar amounts are recoveries resulting from the correction of payments as revealed by special studies by the MCIB and Professional Review Committees.

## Table 3

### Claims Received by Method of Billing

| Claims Received from: | Number of Claims Received | | Per Cent of Claims Received | |
|---|---|---|---|---|
| | 1987-88 | 1988-89 | 1987-88 | 1988-89 |
| **Physicians** | **7,248,376** | **7,586,796** | **86.73** | **86.80** |
| In-Province Claim Forms[1] | 5,813,003 | 5,163,252 | 69.56 | 59.09 |
| In-Province Direct Input[1] | 1,292,105 | 2,162,223 | 15.46 | 24.75 |
| Out-of-Province Reciprocal Billing[2] | — | 218,325 | — | 2.50 |
| Other Out-of-Province | 143,268 | 22,996 | 1.71 | 0.26 |
| **Optometrists** | **220,504** | **225,606** | **2.64** | **2.58** |
| In-Province Claim Forms | 213,586 | 211,740 | 2.56 | 2.42 |
| In-Province Direct Input | 4,618 | 11,864 | 0.06 | 0.14 |
| Out-of-Province | 2,300 | 2,002 | 0.02 | 0.02 |
| **Chiropractors** | **825,122** | **904,196** | **9.87** | **10.35** |
| In-Province Claim Forms | 604,732 | 507,900 | 7.23 | 5.81 |
| In-Province Direct Input | 217,941 | 393,515 | 2.61 | 4.51 |
| Out-of-Province | 2,449 | 2,781 | 0.03 | 0.03 |
| **Beneficiaries** | **63,251** | **41,375** | **0.76** | **0.47** |
| In-Province | 20,836 | 11,431 | 0.25 | 0.13 |
| Out-of-Province | 42,415 | 29,944 | 0.51 | 0.34 |
| **Total** | **8,357,253** | **8,737,973** | **100.00** | **100.00** |
| **Claims Per Employee** | **65,289** | **69,349** | | |

[1] In 1988-89, includes claims for services provided to beneficiaries of other provinces through reciprocal billing arrangements.

[2] Claims for services provided to Saskatchewan beneficiaries in other provinces through reciprocal billing arrangements.

**Note:** Includes claims processed on behalf of the Saskatchewan Cancer Foundation.

## Services and Payments by Age and Sex of Beneficiaries

| Age Groups | Number of Beneficiaries as at June 30, 1988 | | Rate Per 1,000 Beneficiaries | | | |
|---|---|---|---|---|---|---|
| | | | Services | | Payments | |
| | Male | Female | Male | Female | Male | Female |
| **A. Physicians** | | | | | | |
| Under 1 | 7,871 | 7,447 | 16,446 | 14,211 | 322,467 | 270,591 |
| 1 - 4 | 35,814 | 34,171 | 10,239 | 9,130 | 174,922 | 150,357 |
| 5 - 14 | 84,404 | 80,518 | 6,125 | 6,127 | 94,508 | 92,548 |
| 15 - 24 | 85,036 | 81,030 | 5,879 | 14,582 | 100,575 | 217,202 |
| 25 - 44 | 160,494 | 152,855 | 6,815 | 15,957 | 119,899 | 256,222 |
| 45 - 64 | 90,277 | 90,121 | 11,249 | 14,935 | 208,964 | 252,218 |
| 65 - 69 | 19,606 | 21,847 | 17,045 | 17,667 | 326,962 | 305,002 |
| 70 and over | 40,425 | 52,235 | 24,728 | 25,410 | 426,805 | 399,897 |
| **All Beneficiaries** | **523,927** | **520,224** | **9,460** | **14,592** | **166,252** | **233,845** |
| **B. Optometrists** | | | | | | |
| Under 1 | 7,871 | 7,447 | 3 | 2 | 78 | 59 |
| 1 - 4 | 35,814 | 34,171 | 49 | 51 | 1,500 | 1,548 |
| 5 - 14 | 84,404 | 80,518 | 249 | 296 | 7,536 | 8,968 |
| 15 - 24 | 85,036 | 81,030 | 171 | 261 | 5,122 | 7,717 |
| 25 - 44 | 160,494 | 152,855 | 170 | 270 | 4,477 | 7,132 |
| 45 - 64 | 90,277 | 90,121 | 419 | 507 | 8,202 | 9,922 |
| 65 - 69 | 19,606 | 21,847 | 503 | 620 | 9,839 | 12,120 |
| 70 and over | 40,425 | 52,235 | 514 | 627 | 10,085 | 12,278 |
| **All Beneficiaries** | **523,927** | **520,224** | **254** | **346** | **6,080** | **8,249** |
| **C. Chiropractors** | | | | | | |
| Under 1 | 7,871 | 7,447 | 26 | 19 | 327 | 252 |
| 1 - 4 | 35,814 | 34,171 | 38 | 38 | 472 | 472 |
| 5 - 14 | 84,404 | 80,518 | 135 | 142 | 1,641 | 1,722 |
| 15 - 24 | 85,036 | 81,030 | 531 | 759 | 6,387 | 9,087 |
| 25 - 44 | 160,494 | 152,855 | 1,131 | 1,497 | 13,410 | 17,741 |
| 45 - 64 | 90,277 | 90,121 | 1,420 | 1,787 | 16,802 | 21,134 |
| 65 - 69 | 19,606 | 21,847 | 1,219 | 1,511 | 14,501 | 17,896 |
| 70 and over | 40,425 | 52,235 | 917 | 1,005 | 10,893 | 11,907 |
| **All Beneficiaries** | **523,927** | **520,224** | **818** | **1,057** | **9,724** | **12,538** |
| **D. Dentists** | | | | | | |
| Under 1 | 7,871 | 7,447 | 2 | 1 | 225 | 137 |
| 1 - 4 | 35,814 | 34,171 | 1 | 1 | 40 | 28 |
| 5 - 14 | 84,404 | 80,518 | 15 | 17 | 953 | 916 |
| 15 - 24 | 85,036 | 81,030 | 16 | 33 | 994 | 1,722 |
| 25 - 44 | 160,494 | 152,855 | 19 | 45 | 1,024 | 2,188 |
| 45 - 64 | 90,277 | 90,121 | 20 | 35 | 1,176 | 1,928 |
| 65 - 69 | 19,606 | 21,847 | 15 | 17 | 964 | 970 |
| 70 and over | 40,425 | 52,235 | 9 | 9 | 489 | 496 |
| **All Beneficiaries** | **523,927** | **520,224** | **15** | **29** | **911** | **1,481** |

**Note:** Includes out-of-province services and costs.

## Beneficiaries, Payments[1] and Services by Dollar Value of Benefits

| Dollar Value of Benefits | 1987-88 Number of Beneficiaries | 1987-88 % of Beneficiaries | 1987-88 % of Payments | 1987-88 % of Services | 1988-89 Number of Beneficiaries | 1988-89 % of Beneficiaries | 1988-89 % of Payments | 1988-89 % of Services |
|---|---|---|---|---|---|---|---|---|
| **A. Physicians Only** | | | | | | | | |
| $ 0.00[2] | 141,410 | 13.5 | — | — | 136,070 | 13.0 | — | — |
| $ 0.01 - $ 25.00 | 96,258 | 9.2 | 0.8 | 0.9 | 95,311 | 9.1 | 0.7 | 0.9 |
| $ 25.01 - $ 50.00 | 140,698 | 13.5 | 2.7 | 3.1 | 134,748 | 12.9 | 2.4 | 2.8 |
| $ 50.01 - $ 100.00 | 186,630 | 17.9 | 7.0 | 8.4 | 181,728 | 17.4 | 6.4 | 7.7 |
| $100.01 - $ 200.00 | 202,301 | 19.3 | 14.8 | 17.3 | 202,253 | 19.4 | 13.9 | 16.5 |
| $200.01 - $ 500.00 | 183,329 | 17.5 | 29.1 | 31.7 | 190,172 | 18.2 | 28.5 | 31.5 |
| $500.01 - $1,000.00 | 68,738 | 6.6 | 24.2 | 22.3 | 73,236 | 7.0 | 24.3 | 22.6 |
| Over $1,000.00 | 26,076 | 2.5 | 21.4 | 16.3 | 30,633 | 3.0 | 23.8 | 18.0 |
| **Total** | **1,045,440** | **100.0** | **100.0** | **100.0** | **1,044,151** | **100.0** | **100.0** | **100.0** |
| **B. Optometrists Only** | | | | | | | | |
| $ 0.00[2] | 841,364 | 80.5 | — | — | 824,890 | 79.0 | — | — |
| $ 0.01 - $ 25.00 | 8,566 | 0.8 | 1.8 | 3.0 | 8,876 | 0.8 | 1.7 | 2.9 |
| $ 25.01 - $ 50.00 | 191,508 | 18.3 | 94.3 | 92.5 | 205,248 | 19.7 | 93.6 | 91.7 |
| Over $50.00 | 4,002 | 0.4 | 3.9 | 4.5 | 5,137 | 0.5 | 4.7 | 5.4 |
| **Total** | **1,045,440** | **100.0** | **100.0** | **100.0** | **1,044,151** | **100.0** | **100.0** | **100.0** |
| **C. Chiropractors Only** | | | | | | | | |
| $ 0.00[2] | 932,812 | 89.2 | — | — | 926,996 | 88.8 | — | — |
| $ 0.01 - $ 25.00 | 28,671 | 2.8 | 4.4 | 4.4 | 29,211 | 2.8 | 4.1 | 4.1 |
| $ 25.01 - $ 50.00 | 25,413 | 2.4 | 9.2 | 9.0 | 24,299 | 2.3 | 7.9 | 7.8 |
| $ 50.01 - $ 100.00 | 24,213 | 2.3 | 16.8 | 16.6 | 25,974 | 2.5 | 16.3 | 16.1 |
| $100.01 - $ 200.00 | 21,824 | 2.1 | 29.1 | 29.1 | 22,778 | 2.2 | 27.7 | 27.6 |
| Over $200.00 | 12,507 | 1.2 | 40.5 | 40.9 | 14,893 | 1.4 | 44.0 | 44.4 |
| **Total** | **1,045,440** | **100.0** | **100.0** | **100.0** | **1,044,151** | **100.0** | **100.0** | **100.0** |

[1] Retroactive payments made to Optometrists in 1987-88 are excluded from "Dollar Value of Benefits" and "% of Payments".

[2] The number of beneficiaries in this category is a residual, representing the difference between the number receiving services at any time during the year and the total of beneficiaries at June 30 of the stated year.

**Note:** Includes out-of-province services and costs.

## Physician Services and Payments by Age and Sex (In- and Out-of-Province)

| Age Groups | Sex | Population | | Per Cent | Average Per Person Insured | | Average Per Person Treated | | Average Payment |
|---|---|---|---|---|---|---|---|---|---|
| | | Insured[1] | Treated[2] | Treated | Services | Cost | Services | Cost | Per Service |
| Under 1 | M | 7,871 | 10,722 | 100.00 | 16.45 | 322.47 | 12.07 | 236.72 | 19.61 |
| | F | 7,447 | 10,241 | 100.00 | 14.21 | 270.59 | 10.33 | 196.77 | 19.04 |
| | T | **15,318** | **20,963** | **100.00** | **15.36** | **297.25** | **11.22** | **217.20** | **19.35** |
| 1 - 4 | M | 35,814 | 34,559 | 96.50 | 10.24 | 174.92 | 10.61 | 181.27 | 17.08 |
| | F | 34,171 | 32,620 | 95.46 | 9.13 | 150.36 | 9.56 | 157.51 | 16.47 |
| | T | **69,985** | **67,179** | **95.99** | **9.70** | **162.93** | **10.10** | **169.73** | **16.80** |
| 5 - 9 | M | 43,843 | 36,999 | 84.39 | 6.47 | 102.23 | 7.67 | 121.14 | 15.79 |
| | F | 41,614 | 35,512 | 85.34 | 6.19 | 95.80 | 7.25 | 112.26 | 15.47 |
| | T | **85,457** | **72,511** | **84.85** | **6.34** | **99.10** | **7.47** | **116.79** | **15.64** |
| 10 - 14 | M | 40,561 | 32,015 | 78.93 | 5.75 | 86.16 | 7.28 | 109.16 | 14.99 |
| | F | 38,904 | 31,296 | 80.44 | 6.06 | 89.08 | 7.53 | 110.73 | 14.70 |
| | T | **79,465** | **63,311** | **79.67** | **5.90** | **87.59** | **7.41** | **109.93** | **14.84** |
| 15 - 19 | M | 40,630 | 34,241 | 84.28 | 6.05 | 101.93 | 7.18 | 120.95 | 16.84 |
| | F | 38,986 | 38,798 | 99.52 | 11.70 | 173.78 | 11.75 | 174.62 | 14.86 |
| | T | **79,616** | **73,039** | **91.74** | **8.82** | **137.11** | **9.61** | **149.46** | **15.55** |
| 20 - 24 | M | 44,406 | 31,711 | 71.41 | 5.72 | 99.34 | 8.01 | 139.10 | 17.37 |
| | F | 42,044 | 40,797 | 97.03 | 17.26 | 257.47 | 17.79 | 265.34 | 14.92 |
| | T | **86,450** | **72,508** | **83.87** | **11.33** | **176.24** | **13.51** | **210.13** | **15.55** |
| 25 - 29 | M | 48,125 | 35,188 | 73.12 | 6.09 | 106.95 | 8.32 | 146.28 | 17.57 |
| | F | 46,244 | 44,984 | 97.28 | 19.06 | 297.15 | 19.60 | 305.47 | 15.59 |
| | T | **94,369** | **80,172** | **84.96** | **12.44** | **200.16** | **14.65** | **235.60** | **16.08** |
| 30 - 34 | M | 45,391 | 33,552 | 73.92 | 6.59 | 116.66 | 8.91 | 157.82 | 17.71 |
| | F | 43,206 | 40,448 | 93.62 | 15.99 | 257.13 | 17.08 | 274.66 | 16.08 |
| | T | **88,597** | **74,000** | **83.52** | **11.17** | **185.16** | **13.37** | **221.68** | **16.58** |
| 35 - 39 | M | 37,268 | 27,971 | 75.05 | 7.18 | 126.13 | 9.57 | 168.05 | 17.56 |
| | F | 35,014 | 31,633 | 90.34 | 13.71 | 227.01 | 15.17 | 251.27 | 16.56 |
| | T | **72,282** | **59,604** | **82.46** | **10.34** | **175.00** | **12.54** | **212.22** | **16.92** |
| 40 - 44 | M | 29,710 | 22,292 | 75.03 | 7.89 | 138.01 | 10.51 | 183.93 | 17.50 |
| | F | 28,391 | 25,315 | 89.17 | 13.63 | 224.21 | 15.29 | 251.45 | 16.45 |
| | T | **58,101** | **47,607** | **81.94** | **10.69** | **180.13** | **13.05** | **219.84** | **16.84** |
| 45 - 49 | M | 23,864 | 18,004 | 75.44 | 8.85 | 160.17 | 11.73 | 212.30 | 18.10 |
| | F | 23,336 | 20,678 | 88.61 | 14.11 | 237.28 | 15.93 | 267.78 | 16.81 |
| | T | **47,200** | **38,682** | **81.95** | **11.45** | **198.29** | **13.98** | **241.98** | **17.31** |
| 50 - 54 | M | 22,078 | 16,901 | 76.55 | 10.24 | 185.83 | 13.38 | 242.75 | 18.15 |
| | F | 21,730 | 19,069 | 87.75 | 14.78 | 247.83 | 16.84 | 282.42 | 16.77 |
| | T | **43,808** | **35,970** | **82.11** | **12.49** | **216.58** | **15.21** | **263.78** | **17.34** |
| 55 - 59 | M | 22,658 | 17,872 | 78.88 | 11.93 | 222.20 | 15.12 | 281.70 | 18.63 |
| | F | 22,317 | 19,377 | 86.83 | 15.02 | 254.80 | 17.30 | 293.46 | 16.96 |
| | T | **44,975** | **37,249** | **82.82** | **13.46** | **238.38** | **16.26** | **287.82** | **17.70** |
| 60 - 64 | M | 21,677 | 18,086 | 83.43 | 14.21 | 272.42 | 17.03 | 326.51 | 19.17 |
| | F | 22,738 | 20,073 | 88.28 | 15.84 | 269.20 | 17.94 | 304.95 | 16.99 |
| | T | **44,415** | **38,159** | **85.91** | **15.04** | **270.77** | **17.51** | **315.16** | **18.00** |
| 65 - 69 | M | 19,606 | 17,249 | 87.98 | 17.05 | 326.96 | 19.37 | 371.64 | 19.18 |
| | F | 21,847 | 19,822 | 90.73 | 17.67 | 305.00 | 19.47 | 336.16 | 17.26 |
| | T | **41,453** | **37,071** | **89.43** | **17.37** | **315.39** | **19.43** | **352.67** | **18.15** |
| 70 - 74 | M | 16,396 | 14,857 | 90.61 | 19.95 | 374.76 | 22.01 | 413.58 | 18.79 |
| | F | 19,246 | 17,907 | 93.04 | 19.93 | 341.32 | 21.42 | 366.84 | 17.12 |
| | T | **35,642** | **32,764** | **91.93** | **19.94** | **358.70** | **21.89** | **388.03** | **17.89** |
| 75 and over | M | 24,029 | 23,921 | 99.55 | 27.99 | 462.32 | 28.12 | 464.40 | 16.52 |
| | F | 32,989 | 33,370 | 100.00 | 28.61 | 434.07 | 28.28 | 429.12 | 15.17 |
| | T | **57,018** | **57,291** | **100.00** | **28.35** | **445.98** | **28.21** | **443.85** | **15.73** |
| **Total all ages** | M | **523,927** | **426,140** | **81.34** | **9.46** | **168.25** | **11.63** | **204.49** | **17.57** |
| | F | **520,224** | **481,940** | **92.64** | **14.56** | **233.84** | **15.75** | **252.42** | **16.03** |
| | T | **1,044,151** | **908,080** | **86.97** | **12.02** | **199.93** | **13.82** | **229.89** | **16.64** |

1 As at June 30, 1988.

2 Population treated at any time during the fiscal year.

## Services by Type of Service

| Type of Service[1] | Number of Services (000's) 1987-88 | Number of Services (000's) 1988-89 | Number of Services Per 1,000 Beneficiaries 1987-88 | Number of Services Per 1,000 Beneficiaries 1988-89 | Per Cent Change 1987-88 to 1988-89 |
|---|---|---|---|---|---|
| **In-Province Physician Services** | **11,783.4** | **12,220.7** | **11,271** | **11,704** | **3.84** |
| Complete Assessments | 380.8 | 381.2 | 364 | 365 | 0.27 |
| Partial Assessments | 3,949.5 | 3,999.0 | 3,778 | 3,830 | 1.38 |
| Minor Assessments | 151.3 | 151.9 | 145 | 145 | — |
| Special Calls | 589.1 | 618.5 | 563 | 592 | 5.15 |
| Hospital Care | 1,094.1 | 1,107.6 | 1,047 | 1,061 | 1.34 |
| Psychotherapy | 237.1 | 257.5 | 227 | 247 | 8.81 |
| | **6,401.9** | **6,515.7** | **6,124** | **6,240** | **1.89** |
| Consultations | **369.0** | **399.6** | **353** | **383** | **8.50** |
| Laboratory Services | 2,753.2 | 2,868.7 | 2,633 | 2,747 | 4.33 |
| Diagnostic Radiology | 219.1 | 228.1 | 210 | 219 | 4.29 |
| Other Diagnostic Procedures[2] | 1,052.2 | 1,143.7 | 1,006 | 1,095 | 8.85 |
| | **4,024.5** | **4,240.5** | **3,849** | **4,061** | **5.51** |
| Major Surgery | 88.5 | 94.9 | 85 | 91 | 7.06 |
| Minor Surgery | 235.6 | 265.9 | 225 | 254 | 12.89 |
| Obstetrics | 20.2 | 20.5 | 19 | 20 | 5.26 |
| Anaesthesia | 195.3 | 213.1 | 187 | 204 | 9.09 |
| Surgical Assistance | 62.7 | 65.5 | 60 | 63 | 5.00 |
| | **602.3** | **659.9** | **576** | **632** | **9.72** |
| Major Therapeutic Procedures | 70.2 | 71.3 | 67 | 68 | 1.49 |
| Minor Therapeutic Procedures | 296.5 | 316.4 | 284 | 303 | 6.69 |
| | **366.7** | **387.7** | **351** | **371** | **5.70** |
| Refractions by Physicians | 19.0 | 17.3 | 18 | 17 | −5.56 |
| **In-Province Dental Services** | **18.6** | **22.8** | **18** | **22** | **22.22** |
| **In-Province Optometric Services** | **282.4** | **308.1** | **270** | **295** | **9.26** |
| Refractions by Optometrists | 193.5 | 208.9 | 185 | 200 | 8.11 |
| Other Optometric Services | 88.9 | 99.2 | 85 | 95 | 11.76 |
| **In-Province Chiropractor Services** | **872.2** | **955.1** | **834** | **915** | **9.71** |
| Chiropractic Visit Services | 860.5 | 943.8 | 823 | 904 | 9.84 |
| Chiropractic X-Ray Services | 11.7 | 11.3 | 11 | 11 | — |
| **Out-of-Province Services** | | | | | |
| Physician Services | 249.7 | 326.6 | 239 | 313 | 30.96 |
| Dental Services | 0.1 | 0.1 | — | — | — |
| Optometric Services | 5.0 | 4.9 | 5 | 5 | — |
| Chiropractor Services | 21.1 | 23.4 | 21 | 22 | 4.76 |
| **All Services** | **13,232.5** | **13,861.7** | **12,658** | **13,276** | **4.88** |

[1] The "Introductory Notes", page 11, describe inclusions in these classifications.

[2] A change was made during 1987-88 to the method of counting allergy investigations. The service volume in 1987-88 has been adjusted to reflect this change.

## Table 8

## Payments by Type of Service

| Type of Service[1] | Dollar Payments (000's) 1987-88 | Dollar Payments (000's) 1988-89 | Dollar Payments Per 1,000 Beneficiaries 1987-88 | Dollar Payments Per 1,000 Beneficiaries 1988-89 | Per Cent Change 1987-88 to 1988-89 |
|---|---|---|---|---|---|
| **In-Province Physician Services** | **189,859** | **200,191** | **181,607** | **191,726** | **5.57** |
| Complete Assessments | 12,028 | 12,086 | 11,505 | 11,575 | 0.61 |
| Partial Assessments | 61,805 | 63,122 | 59,119 | 60,453 | 2.26 |
| Minor Assessments | 2,324 | 2,358 | 2,223 | 2,258 | 1.57 |
| Special Calls | 9,200 | 9,684 | 8,800 | 9,274 | 5.39 |
| Hospital Care | 9,464 | 9,773 | 9,053 | 9,360 | 3.39 |
| Psychotherapy | 4,883 | 5,380 | 4,671 | 5,153 | 10.32 |
| | **99,704** | **102,403** | **95,371** | **98,073** | **2.83** |
| Consultations | **18,283** | **20,043** | **17,488** | **19,196** | **9.77** |
| Laboratory Services | 13,547 | 14,760 | 12,958 | 14,136 | 9.09 |
| Diagnostic Radiology | 6,747 | 7,298 | 6,454 | 6,990 | 8.30 |
| Other Diagnostic Procedures | 13,351 | 14,498 | 12,771 | 13,884 | 8.72 |
| | **33,645** | **36,556** | **32,183** | **35,010** | **8.78** |
| Major Surgery | 17,258 | 18,911 | 16,508 | 18,111 | 9.71 |
| Minor Surgery | 3,247 | 3,454 | 3,106 | 3,308 | 6.50 |
| Obstetrics | 3,446 | 3,480 | 3,296 | 3,333 | 1.12 |
| Anaesthesia | 8,485 | 9,286 | 8,115 | 8,893 | 9.59 |
| Surgical Assistance | 1,783 | 1,854 | 1,706 | 1,776 | 4.10 |
| | **34,219** | **36,985** | **32,731** | **35,421** | **8.22** |
| Major Therapeutic Procedures | 1,833 | 1,935 | 1,753 | 1,853 | 5.70 |
| Minor Therapeutic Procedures | 1,708 | 1,838 | 1,634 | 1,760 | 7.71 |
| | **3,541** | **3,773** | **3,387** | **3,613** | **6.67** |
| Refractions by Physicians | 467 | 431 | 447 | 413 | −7.61 |
| **In-Province Dental Services** | **1,006** | **1,226** | **962** | **1,174** | **22.04** |
| **In-Province Optometric Services** | **6,489** | **7,347** | **6,207** | **7,037** | **13.37** |
| Refractions by Optometrists | 5,747 | 6,458 | 5,497 | 6,185 | 12.52 |
| Other Optometric Services | 742 | 889 | 710 | 852 | 20.00 |
| **In-Province Chiropractor Services** | **10,275** | **11,344** | **9,828** | **10,864** | **10.54** |
| Chiropractic Visit Services | 10,018 | 11,102 | 9,583 | 10,633 | 10.96 |
| Chiropractic X-Ray Services | 257 | 242 | 245 | 231 | −5.71 |
| **Out-of-Province Services** | | | | | |
| Physician Services | 6,120 | 8,563 | 5,854 | 8,201 | 40.09 |
| Dental Services | 20 | 22 | 19 | 21 | 10.53 |
| Optometric Services | 126 | 130 | 121 | 124 | 2.48 |
| Chiropractor Services | 247 | 273 | 236 | 262 | 11.02 |
| **All Services** | **214,142** | **229,096** | **204,834** | **219,409** | **7.12** |

[1] The "Introductory Notes", page 11, describe inclusions in these classifications.

## Table 8

## Average Payment Per Service by Type of Service and Type of Practitioner

| Type of Service[1] | 1987-88 General Practitioners ($) | 1987-88 Specialists ($) | 1987-88 All Practitioners ($) | 1988-89 General Practitioners ($) | 1988-89 Specialists ($) | 1988-89 All Practitioners ($) |
|---|---|---|---|---|---|---|
| **In-Province Physician Services** | **13.40** | **21.53** | **16.11** | **13.57** | **21.71** | **16.38** |
| Complete Assessments | 30.02 | 43.51 | 31.59 | 30.37 | 43.54 | 31.70 |
| Partial Assessments | 15.39 | 21.64 | 15.65 | 15.55 | 21.32 | 15.78 |
| Minor Assessments | — | 15.36 | 15.36 | — | 15.52 | 15.52 |
| Special Calls | 15.16 | 19.67 | 15.62 | 15.21 | 19.67 | 15.66 |
| Hospital Care | 8.05 | 10.49 | 8.65 | 8.18 | 10.65 | 8.82 |
| Psychotherapy | 16.41 | 29.28 | 20.59 | 16.31 | 29.79 | 20.90 |
| | **15.20** | **18.35** | **15.57** | **15.38** | **18.19** | **15.72** |
| Consultations | **35.78** | **50.91** | **49.55** | **36.13** | **51.68** | **50.16** |
| Laboratory Services | 3.26 | 6.40 | 4.92 | 3.30 | 6.65 | 5.15 |
| Diagnostic Radiology | — | 30.80 | 30.80 | — | 31.99 | 31.99 |
| Other Diagnostic Procedures[2] | 7.67 | 14.38 | 12.69 | 8.04 | 14.15 | 12.68 |
| | **4.01** | **11.13** | **8.36** | **4.14** | **11.24** | **8.62** |
| Major Surgery | 100.34 | 219.25 | 195.00 | 103.44 | 223.24 | 199.18 |
| Minor Surgery | 12.51 | 23.42 | 13.78 | 11.56 | 23.49 | 12.99 |
| Obstetrics | 159.97 | 189.37 | 170.63 | 159.06 | 187.29 | 169.75 |
| Anaesthesia | 42.70 | 43.70 | 43.43 | 42.31 | 44.00 | 43.58 |
| Surgical Assistance | 28.10 | 31.42 | 28.45 | 28.04 | 30.63 | 28.31 |
| | **29.57** | **93.77** | **56.81** | **28.06** | **93.43** | **56.05** |
| Major Therapeutic Procedures | 31.49 | 25.29 | 26.10 | 32.36 | 26.22 | 27.14 |
| Minor Therapeutic Procedures | 5.29 | 8.54 | 5.76 | 5.38 | 8.49 | 5.81 |
| | **6.20** | **18.35** | **9.66** | **6.40** | **18.83** | **9.73** |
| Refractions by Physicians | 22.80 | 28.32 | 24.64 | 23.06 | 28.72 | 24.91 |
| **In-Province Dental Services** | — | — | **53.92** | — | — | **53.62** |
| **In-Province Optometric Services** | — | — | **22.98** | — | — | **23.84** |
| Refractions by Optometrists | — | — | 29.70 | — | — | 30.91 |
| Other Optometric Services | — | — | 8.35 | — | — | 8.96 |
| **In-Province Chiropractor Services** | — | — | **11.78** | — | — | **11.88** |
| Chiropractic Visit Services | — | — | 11.64 | — | — | 11.76 |
| Chiropractic X-Ray Services | — | — | 21.92 | — | — | 21.34 |
| **Out-of-Province Services** | | | | | | |
| Physician Services | 16.40 | 33.52 | 24.51 | 20.07 | 32.94 | 26.22 |
| Dental Services | — | — | 283.68 | — | — | 228.81 |
| Optometric Services | — | — | 25.42 | — | — | 26.69 |
| Chiropractor Services | — | — | 11.68 | — | — | 11.68 |
| **All Services** | **13.45** | **21.88** | **16.18** | **13.71** | **22.11** | **16.53** |

[1] The "Introductory Notes", page 11, describe inclusions in these classifications.

[2] A change was made during 1987-88 to the method of counting allergy investigations. The service volume in 1987-88 has been adjusted to reflect this change.

## Per Cent of Services and Payments by Type of Service

| Type of Service[1] | Per Cent of Total Services 1987-88 | Per Cent of Total Services 1988-89 | Per Cent of Total Payments 1987-88 | Per Cent of Total Payments 1988-89 |
|---|---|---|---|---|
| **In-Province Physician Services** | **89.05** | **88.16** | **88.66** | **87.38** |
| Complete Assessments | 2.88 | 2.75 | 5.62 | 5.27 |
| Partial Assessments | 29.85 | 28.85 | 28.86 | 27.55 |
| Minor Assessments | 1.14 | 1.10 | 1.08 | 1.03 |
| Special Calls | 4.45 | 4.46 | 4.30 | 4.23 |
| Hospital Care | 8.27 | 7.99 | 4.42 | 4.27 |
| Psychotherapy | 1.79 | 1.86 | 2.28 | 2.35 |
| | **48.38** | **47.01** | **46.56** | **44.70** |
| Consultations | **2.79** | **2.88** | **8.54** | **8.75** |
| Laboratory Services | 20.81 | 20.69 | 6.33 | 6.44 |
| Diagnostic Radiology | 1.66 | 1.65 | 3.15 | 3.18 |
| Other Diagnostic Procedures[2] | 7.95 | 8.25 | 6.23 | 6.33 |
| | **30.42** | **30.59** | **15.71** | **15.95** |
| Major Surgery | 0.67 | 0.68 | 8.06 | 8.25 |
| Minor Surgery | 1.78 | 1.92 | 1.52 | 1.51 |
| Obstetrics | 0.15 | 0.15 | 1.61 | 1.52 |
| Anaesthesia | 1.48 | 1.54 | 3.96 | 4.05 |
| Surgical Assistance | 0.47 | 0.47 | 0.83 | 0.81 |
| | **4.55** | **4.76** | **15.98** | **16.14** |
| Major Therapeutic Procedures | 0.53 | 0.52 | 0.85 | 0.85 |
| Minor Therapeutic Procedures | 2.24 | 2.28 | 0.80 | 0.80 |
| | **2.77** | **2.80** | **1.65** | **1.65** |
| Refractions by Physicians | 0.14 | 0.12 | 0.22 | 0.19 |
| **In-Province Dental Services** | **0.14** | **0.16** | **0.47** | **0.53** |
| **In-Province Optometric Services** | **2.13** | **2.22** | **3.03** | **3.21** |
| Refractions by Optometrists | 1.46 | 1.51 | 2.68 | 2.82 |
| Other Optometric Services | 0.67 | 0.71 | 0.35 | 0.39 |
| **In-Province Chiropractor Services** | **6.59** | **6.89** | **4.80** | **4.95** |
| Chiropractic Visit Services | 6.50 | 6.81 | 4.68 | 4.85 |
| Chiropractic X-Ray Services | 0.09 | 0.08 | 0.12 | 0.10 |
| **Out-of-Province Services** | | | | |
| Physician Services | 1.89 | 2.36 | 2.86 | 3.74 |
| Dental Services | — | — | 0.01 | 0.01 |
| Optometrist Services | 0.04 | 0.04 | 0.06 | 0.06 |
| Chiropractor Services | 0.16 | 0.17 | 0.11 | 0.12 |
| **All Services** | **100.00** | **100.00** | **100.00** | **100.00** |

1 The "Introductory Notes", page 11, describe inclusions in these classifications.

2 A change was made during 1987-88 to the method of counting allergy investigations. The service volume in 1987-88 has been adjusted to reflect this change.

## Payments (000's) for Out-of-Province Physician Services by Location and Type of Practitioner

| Type of Practitioner | All Locations | Location of Services: Maritimes and Territories | Que. | Ont. | Man. | Alta. | B.C. | U.S.A. | Rest of the World |
|---|---|---|---|---|---|---|---|---|---|
| **General Practitioners** | **3,424.4** | **36.5** | **18.1** | **258.3** | **851.9** | **1,722.3** | **398.9** | **111.3** | **27.1** |
| **Specialists** | | | | | | | | | |
| Paediatricians and Medical Geneticists | 168.6 | 2.3 | 0.8 | 29.4 | 31.8 | 84.7 | 12.3 | 6.9 | 0.4 |
| Internists and Physiatrists | 655.9 | 3.9 | 2.8 | 122.1 | 65.8 | 293.7 | 53.1 | 108.5 | 6.0 |
| Neurologists | 56.1 | 0.3 | 2.0 | 7.7 | 10.1 | 18.2 | 9.0 | 8.2 | 0.6 |
| Psychiatrists | 100.0 | 1.0 | 5.8 | 18.3 | 11.2 | 31.0 | 12.8 | 19.9 | — |
| Dermatologists | 38.5 | 0.9 | 1.5 | 6.4 | 6.0 | 16.3 | 4.7 | 2.4 | 0.3 |
| Anaesthetists | 629.4 | 1.5 | 4.4 | 139.5 | 48.5 | 346.5 | 49.1 | 38.2 | 1.7 |
| General and Thoracic Surgeons | 847.6 | 4.6 | 1.7 | 136.5 | 60.9 | 264.9 | 33.7 | 344.0 | 1.3 |
| Orthopaedic Surgeons | 234.0 | 1.6 | 7.1 | 32.3 | 19.7 | 126.7 | 24.5 | 19.5 | 2.6 |
| Plastic and Reconstructive Surgeons | 80.3 | 0.6 | 0.3 | 3.9 | 3.3 | 23.7 | 2.8 | 45.7 | — |
| Neurological Surgeons | 66.5 | 0.1 | 2.1 | 31.4 | 2.2 | 19.7 | 3.4 | 6.9 | 0.7 |
| Obstetricians and Gynaecologists | 260.1 | 2.2 | 1.2 | 30.3 | 85.7 | 115.0 | 14.6 | 10.0 | 1.1 |
| Urological Surgeons | 133.4 | 0.3 | 0.4 | 29.1 | 18.1 | 41.8 | 38.7 | 4.9 | 0.1 |
| Ophthalmologists | 869.9 | 0.5 | 0.7 | 11.9 | 56.5 | 744.2 | 28.4 | 27.1 | 0.6 |
| Otolaryngologists | 78.8 | 0.7 | 0.5 | 14.1 | 14.0 | 33.8 | 10.8 | 4.4 | 0.5 |
| Pathologists | 636.9 | — | — | 39.1 | 38.4 | 467.8 | 63.4 | 25.6 | 2.6 |
| Diagnostic Radiologists | 282.3 | 0.3 | 1.3 | 23.7 | 16.4 | 146.1 | 29.2 | 62.4 | 2.9 |
| **All Physicians** | **8,562.7** | **57.3** | **50.7** | **934.0** | **1,340.5** | **4,496.4** | **789.4** | **845.9** | **48.5** |

## In-Province Physician Services by Type of Service and Type of Practitioner

| Type of Service (000's) \ Type of Practitioner | General Practitioners | Paediatricians and Medical Geneticists | Internists and Physiatrists | Neurologists | Psychiatrists | Dermatologists | General Surgeons | Thoracic Surgeons |
|---|---|---|---|---|---|---|---|---|
| Visits | | | | | | | | |
| Consultations | 39.3 | 26.0 | 79.4 | 17.8 | 10.4 | 9.0 | 42.9 | 2.7 |
| Special Eye Examination | 11.7 | — | — | — | — | — | — | — |
| Complete Examination | 342.6 | 16.7 | 19.8 | 2.1 | 4.2 | 0.3 | 8.3 | 0.3 |
| Partial Examination | 3,798.4 | 45.1 | 51.2 | 2.4 | 7.2 | 8.6 | 27.3 | 1.1 |
| Well Baby Care | 40.1 | 1.7 | — | — | — | — | — | — |
| Other Office Visits | 0.3 | 1.2 | — | — | — | — | — | — |
| Hospital | | | | | | | | |
| Newborn, Premature | 12.6 | 4.9 | — | — | — | — | — | — |
| Other | 813.2 | 38.3 | 167.5 | 12.0 | 28.9 | 0.8 | 34.9 | 1.7 |
| Special Calls and Emergency | 540.8 | 8.2 | 14.2 | 1.2 | 1.6 | 0.4 | 7.5 | 0.2 |
| Psychotherapy | | | | | | | | |
| Base Time[1] | 94.1 | 0.1 | 0.2 | — | 61.9 | — | 0.1 | — |
| Additional Time | 75.8 | 0.1 | 0.2 | — | 33.7 | — | 0.2 | — |
| Major Surgery | 10.1 | — | 0.2 | — | — | — | 15.3 | 3.9 |
| Minor Surgery | 277.2 | 2.4 | 0.1 | — | — | 10.2 | 9.4 | — |
| Surgical Assistance | | | | | | | | |
| Base Time[1] | 21.3 | — | — | — | — | — | 0.8 | 0.1 |
| Additional Time | 37.3 | — | — | — | — | — | 1.7 | 0.2 |
| Obstetrics | 12.8 | — | — | — | — | — | — | — |
| Anaesthesia | | | | | | | | |
| Base Time[1] | 25.2 | — | 0.1 | — | — | — | — | — |
| Additional Time | 27.7 | — | 0.1 | — | — | — | — | — |
| Diagnostic Radiology | — | — | — | — | — | — | — | — |
| Pathology/Laboratory Services | 1,149.1 | 8.8 | 7.4 | — | — | 0.1 | 6.6 | — |
| Laboratory Tracings | 31.9 | — | 0.2 | — | — | — | 0.4 | — |
| Diagnostic Ultrasound | 1.9 | 1.5 | 10.3 | — | — | — | — | — |
| Other Diagnostic and Therapeutic Services | 480.7 | 258.2 | 307.2 | 10.1 | 3.4 | 8.1 | 16.9 | 2.7 |
| Special Diagnostic and Therapeutic Services | 141.8 | — | 0.1 | — | — | — | 0.3 | — |
| Miscellaneous Services | 15.8 | 0.8 | 0.8 | — | 0.1 | — | 0.5 | — |
| **Total Services** | **8,001.7** | **414.0** | **659.0** | **45.6** | **151.4** | **37.5** | **173.1** | **12.9** |

[1] Represents the number of instances these types of services were provided during the year.

**Note:** Services are grouped using a common national grouping.

| Ortho-paedic Surgeons | Plastic and Recon-structive Surgeons | Neuro-logical Surgeons | Urological Surgeons | Obstetri-cians and Gynaeco-logists | Ophthal-mologists | Otolaryn-gologists | Anaes-thetists | Pathol-ogists | Diagnostic Radiolo-gists | Total Services |
|---|---|---|---|---|---|---|---|---|---|---|
| 40.8 | 11.9 | 6.5 | 13.6 | 42.5 | 25.0 | 29.9 | 1.9 | — | — | 399.6 |
| — | — | — | — | — | 5.6 | — | — | — | — | 17.3 |
| 4.6 | 0.6 | 0.6 | 1.3 | 9.7 | 5.5 | 13.6 | — | — | — | 430.2 |
| 17.9 | 3.4 | 1.9 | 7.7 | 35.9 | 21.3 | 19.5 | — | — | — | 4,048.9 |
| — | — | — | — | — | — | — | — | — | — | 41.8 |
| — | — | — | — | 0.5 | — | — | — | — | — | 2.0 |
| — | — | — | — | — | — | — | — | — | — | 17.5 |
| 8.0 | 1.3 | 5.9 | 2.2 | 7.0 | 0.4 | 1.0 | 14.3 | — | — | 1,137.4 |
| 3.6 | 1.0 | 0.9 | 0.5 | 9.1 | 0.5 | 1.2 | 7.0 | — | 0.2 | 598.1 |
| — | — | — | — | 0.4 | — | — | — | — | — | 156.8 |
| — | — | — | — | 0.3 | — | — | — | — | — | 110.3 |
| 14.1 | 4.8 | 2.1 | 4.7 | 7.7 | 7.8 | 4.5 | — | — | — | 75.2 |
| 1.0 | 8.5 | — | 0.6 | 1.4 | 1.0 | 6.3 | — | — | — | 318.1 |
| 0.3 | 0.1 | 0.1 | 0.2 | 0.3 | — | — | — | — | — | 23.2 |
| 1.3 | 0.2 | 0.8 | 0.5 | 0.3 | — | — | — | — | — | 42.3 |
| — | — | — | — | 7.9 | — | — | — | — | — | 20.7 |
| 0.2 | — | 0.1 | — | — | — | — | 53.3 | — | 0.1 | 78.0 |
| 0.4 | — | 0.1 | — | — | — | — | 105.8 | — | — | 134.1 |
| — | — | — | — | — | — | — | — | — | 228.1 | 228.1 |
| 0.1 | — | — | 5.8 | 48.8 | — | 0.3 | — | 1,483.3 | — | 2,710.3 |
| — | — | — | — | — | — | — | — | 1.9 | — | 34.4 |
| — | — | — | — | 3.9 | 3.5 | — | — | — | 51.0 | 72.1 |
| 5.1 | 0.6 | 0.1 | 15.0 | 17.5 | 62.5 | 138.1 | 5.2 | 1.5 | 5.3 | 1,338.2 |
| — | — | — | — | 21.2 | — | — | — | — | 1.1 | 184.5 |
| — | — | — | — | — | — | — | 2.6 | — | — | 20.6 |
| **97.4** | **32.4** | **19.1** | **52.1** | **214.4** | **133.1** | **214.4** | **190.1** | **1,486.7** | **285.8** | **12,220.7** |

## Patients, Services and Payments for Selected In-Province Medical Procedures

| Type of Procedure | Number of Services | Rate Per 1,000 Beneficiaries | | | Per Cent Change in Services/1000 1987-88 to 1988-89 |
|---|---|---|---|---|---|
| | | Patients | Payments | Services | |
| Allergy Investigation and Hyposensitization Injections | 628,561 | 18.60 | 1,404.88 | 601.98 | 7.78 |
| Electrocardiograms, Vectorcardiograms and Echocardiograms | 337,558 | 149.60 | 3,800.33 | 323.28 | 4.40 |
| Submission of Papanicolau Smear | 161,105 | 267.42[f] | 1,003.47[f] | 309.68[f] | 1.11 |
| Removal of Cysts, Granulomata, Keratoses, Moles, Papilloma, Scars, Tumors or Warts | 48,158 | 32.47 | 1,078.42 | 46.12 | 12.60 |
| Suturing of Wounds | 35,073 | 31.58 | 1,156.90 | 33.59 | −0.39 |
| Delivery — Vaginal | 13,144 | 24.97[f] | 4,596.17[f] | 25.27[f] | −2.39 |
| — Caesarian | 2,836 | 5.44[f] | 1,515.18[f] | 5.45[f] | 2.44 |
| Plantar Wart Excision or Fulguration | 15,444 | 8.14 | 197.17 | 14.79 | 10.95 |
| Artificial Extra Corporeal Haemodialysis | 13,008 | 0.28 | 403.63 | 12.46 | 4.18 |
| Arthrocentesis — Joint Injections Shoulder, Elbow, Knee | 10,388 | 6.94 | 134.96 | 9.95 | 9.10 |
| Cystoscopy | 9,080 | 7.84 | 460.03 | 8.70 | 2.35 |
| Dilatation and Curettage | 7,801 | 14.45[f] | 1,008.19[f] | 15.00[f] | 0.13 |
| Sigmoidoscopy | 7,102 | 6.26 | 178.17 | 6.80 | −11.23 |
| Fractures, Open Surgical or Closed Reduction | 6,238 | 5.13 | 1,098.97 | 5.97 | 6.04 |
| Electroencephalograms or Echoencephalograms | 5,346 | 4.57 | 103.86 | 5.12 | −20.00 |
| Tonsillectomy (With or Without Adenoidectomy) | 3,379 | 3.22 | 313.13 | 3.24 | 2.21 |
| Tubal Ligation | 3,323 | 6.37[f] | 1,101.21[f] | 6.39[f] | −9.49 |
| Cataract Extraction | 3,098 | 2.79 | 1,377.71 | 2.97 | 35.62 |
| Cardiac Catheterization | 2,965 | 1.72 | 288.71 | 2.84 | 2.53 |
| Herniotomy, Inguinal, Femoral or Umbilical — Simple, Strangulated or Recurrent | 2,701 | 2.37 | 628.37 | 2.59 | −1.89 |
| Gall Bladder or Other Biliary Tract Surgery | 2,433 | 2.28 | 865.11 | 2.33 | 4.48 |
| Psychological Testing | 2,346 | 2.16 | 48.89 | 2.25 | −7.79 |
| Vasectomy | 2,256 | 4.29[m] | 582.54[m] | 4.31[m] | −4.65 |
| Hysterectomy — Abdominal | 1,611 | 3.09[f] | 1,048.45[f] | 3.10[f] | 10.32 |
| — Vaginal | 373 | 0.72[f] | 269.75[f] | 0.72[f] | −2.70 |
| Prostatectomy (With or Without Vasectomy) | 1,528 | 2.90[m] | 1,178.26[m] | 2.92[m] | 8.55 |
| Varicose Veins (Ligation) | 1,447 | 0.42 | 92.82 | 1.39 | 31.13 |
| Septoplasty or Submucous Resection | 1,378 | 1.31 | 346.11 | 1.32 | 25.71 |
| Arthroplasty — Total Hip Replacement | 833 | 0.66 | 496.58 | 0.80 | 12.68 |
| — Total Knee Replacement | 480 | 0.42 | 240.09 | 0.46 | 43.75 |
| Appendectomy | 1,150 | 1.10 | 251.17 | 1.10 | 2.80 |
| Therapeutic Abortion | 1,106 | 2.10[f] | 191.00[f] | 2.13[f] | 11.52 |
| Electroconvulsive Therapy | 1,062 | 0.14 | 24.64 | 1.02 | — |
| Genital Prolapse Repair | 1,042 | 1.89[f] | 535.85[f] | 2.00[f] | −3.38 |
| Coronary By-Pass | 599 | 0.36 | 780.30 | 0.57 | −1.72 |
| Salpingectomy, Oophorectomy and/or Ovarian Cystectomy | 585 | 1.11[f] | 306.78[f] | 1.12[f] | 20.43 |
| Spinal Disc Excision | 511 | 0.48 | 272.58 | 0.49 | 4.26 |
| Strabismus Operation | 316 | 0.25 | 70.47 | 0.30 | −3.23 |
| Peptic Ulcer Surgery | 300 | 0.27 | 122.99 | 0.29 | −12.12 |

[f] Rate per 1,000 female beneficiaries.

[m] Rate per 1,000 male beneficiaries.

## Patients, Services and Payments for Selected In-Province Medical Conditions

| Conditions | I.C.D.[1] | Number of Services (000's) | Rate Per 1,000 Beneficiaries | | |
|---|---|---|---|---|---|
| | | | Patients | Payments | Services |
| General Medical Examination — No Specific Diagnosis | V70 | 646 | 189.2 | 7,422 | 619 |
| Acute Upper Respiratory Infection (Except Influenza) | 460 - 465 | 513 | 243.5 | 7,551 | 492 |
| Hypertension | 401 - 405 | 299 | 70.1 | 4,241 | 286 |
| Diseases Affecting Genitourinary Tract | 580-599, 788 | 247 | 66.3 | 4,205 | 237 |
| Ischaemic Heart Disease | 410 - 414 | 230 | 29.2 | 4,506 | 220 |
| Otitis Media | 381 & 382 | 221 | 79.1 | 3,495 | 212 |
| Diabetes Mellitus | 250 | 211 | 22.3 | 2,389 | 202 |
| Bronchitis | 466, 490 & 491 | 206 | 93.8 | 2,906 | 197 |
| Arthritis | 710 - 716 | 177 | 52.2 | 3,336 | 169 |
| Hay Fever | 477 | 171 | 17.1 | 885 | 164 |
| Neuroses | 300 | 166 | 49.1 | 2,961 | 159 |
| Asthma | 493 | 163 | 23.1 | 1,622 | 156 |
| Rheumatic Disease | 725 - 729 | 144 | 74.7 | 2,796 | 138 |
| Chronic Sinusitis and Other Respiratory Symptoms | 473 & 786 | 143 | 58.0 | 2,415 | 137 |
| Eczema | 690 - 692 | 127 | 61.7 | 1,638 | 122 |
| Symptomatic Heart Disease | 428 & 429 | 116 | 14.0 | 1,434 | 111 |
| Cerebrovascular Disease | 430 - 438 | 112 | 8.3 | 1,194 | 107 |
| Diarrheal Disease | 009 | 105 | 40.9 | 1,605 | 101 |
| Disorders of Menstruation | Z08* & 626 | 104 | 70.1[f] | 3,257[f] | 199[f] |
| Psychoses | 295 - 299 | 102 | 8.9 | 1,866 | 97 |
| Infective Disease of Uterus (Except Cervix), Vagina, and Vulva | 615 & 616 | 77 | 60.2[f] | 2,130[f] | 148[f] |
| Pneumonia | 480 - 486 | 76 | 14.0 | 991 | 73 |
| Vertebrogenic Pain Syndrome | 724 | 68 | 32.3 | 1,205 | 65 |
| Anaemias | 280 - 285 | 62 | 13.6 | 766 | 59 |
| Chronic Airways Obstruction | 496 | 62 | 8.4 | 826 | 59 |
| Influenza | 487 | 54 | 33.0 | 754 | 52 |
| Cellulitis and Abscess | 681 & 682 | 49 | 22.6 | 763 | 47 |
| Cardiac Disrhythmias | 427 | 49 | 11.3 | 856 | 47 |
| Cataract | 366 | 48 | 12.6 | 2,160 | 46 |
| Gastritis and Duodenitis | 535 | 44 | 20.6 | 651 | 42 |
| Obesity | 278 | 36 | 14.8 | 508 | 34 |
| Migraine | 346 | 35 | 10.5 | 488 | 34 |
| Glaucoma | 365 | 35 | 6.9 | 510 | 33 |
| Ulcers of Duodenum and Stomach | 531 - 534 | 34 | 12.5 | 700 | 32 |
| Refractive Errors | 367 | 30 | 16.9 | 582 | 28 |
| Menopausal Symptoms | 627 | 28 | 21.3[f] | 865[f] | 54[f] |
| Alcoholic Psychosis and Alcoholism | 291 & 303 | 28 | 4.7 | 421 | 27 |
| Disorders of Functions of Stomach | 536 & 537 | 23 | 12.2 | 368 | 22 |
| Myxedema | 244 | 21 | 8.2 | 296 | 20 |
| Varicose Veins of Lower Extremity | 454 | 17 | 4.4 | 337 | 16 |
| Epilepsy | 345 | 17 | 4.0 | 284 | 16 |

[1] Ninth Revision International Classification of Diseases, 1977.

**Note:** MCIB records only one diagnosis of symptoms per claim even though the patient may have more than one condition.

* MCIB internally assigned code for the identification of a specific condition which is grouped within a general category in the I.C.D.

[f] Rate per 1,000 female beneficiaries.

## Turnover of Physicians

| | General Practitioners | | Specialists | | All Physicians | |
|---|---|---|---|---|---|---|
| | Number | Per Cent Turnover | Number | Per Cent Turnover | Number | Per Cent Turnover |
| Practising in 1984-85[1] | 721 | | 371 | | 1,092 | |
| | | 10.7 | | 6.7 | | 9.3 |
| Still Practising in 1985-86[2] | 644 | | 346 | | 990 | |
| Practising in 1985-86[1] | 721 | | 383 | | 1,104 | |
| | | 8.7 | | 7.8 | | 8.4 |
| Still Practising in 1986-87[2] | 658 | | 353 | | 1,011 | |
| Practising in 1986-87[1] | 755 | | 405 | | 1,160 | |
| | | 10.9 | | 8.9 | | 10.2 |
| Still Practising in 1987-88[2] | 673 | | 369 | | 1,042 | |
| Practising in 1987-88[1] | 771 | | 403 | | 1,174 | |
| | | 11.9 | | 11.4 | | 11.8 |
| Still Practising in 1988-89[2] | 679 | | 357 | | 1,036 | |
| Practising in 1988-89[1] | 768 | | 396 | | 1,164 | |

[1] Physicians receiving $7,500 or more in the fourth quarter and practising in Saskatchewan at the end of the fiscal year.

[2] Physicians receiving $7,500 or more in the fourth quarter of two consecutive years and practising in Saskatchewan at the end of both fiscal years.

**Note:** The net number of physicians who entered practice in 1988-89 was 128, the difference between "Practising" (1,164) and "Still Practising" (1,036).

## Practitioners in Relation to Population and Practice Size

| Type of Practitioner[1] | Number of Practitioners | | Population Per Practitioner (000's) | | Average Number of Patients Per Practitioner[2] (000's) | | Average Patient Contacts Per Practitioner[3] (000's) | | Per Cent of Beneficiaries Treated | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1987-88 | 1988-89 | 1987-88 | 1988-89 | 1987-88 | 1988-89 | 1987-88 | 1988-89 | 1987-88 | 1988-89 |
| **General Practitioners[4]** | **778** | **769** | **1.3** | **1.4** | **2.2** | **2.2** | **6.8** | **6.9** | **82.7** | **82.8** |
| **Specialists[4]** | | | | | | | | | | |
| Paediatricians and Medical Geneticists | 35 | 30 | 29.9 | 34.8 | 1.5 | 1.6 | 4.2 | 4.4 | 4.3 | 4.1 |
| Internists and Physiatrists | 75 | 72 | 13.9 | 14.5 | 2.1 | 2.3 | 4.3 | 4.7 | 10.8 | 11.0 |
| Neurologists | 10 | 9 | 104.5 | 116.0 | 2.2 | 2.4 | 3.3 | 3.8 | 1.9 | 1.9 |
| Psychiatrists | 27 | 30 | 38.7 | 34.8 | 0.5 | 0.5 | 3.7 | 3.7 | 1.2 | 1.2 |
| Dermatologists | 5 | 5 | 209.1 | 208.8 | 1.8 | 2.0 | 4.7 | 5.0 | 0.9 | 1.0 |
| Anaesthetists | 47 | 48 | 22.2 | 21.8 | 1.0 | 1.1 | 1.5 | 1.5 | 4.2 | 4.5 |
| General Surgeons | 53 | 49 | 19.7 | 21.3 | 1.1 | 1.1 | 2.6 | 3.0 | 5.0 | 4.9 |
| Thoracic Surgeons | 6 | 6 | 174.2 | 174.0 | 0.9 | 0.8 | 1.8 | 1.5 | 0.4 | 0.4 |
| Orthopaedic Surgeons | 25 | 24 | 41.8 | 43.5 | 1.6 | 1.7 | 3.5 | 3.5 | 3.7 | 3.8 |
| Plastic and Reconstructive Surgeons | 9 | 10 | 116.2 | 104.4 | 1.4 | 1.4 | 2.8 | 2.9 | 1.2 | 1.3 |
| Neurological Surgeons | 6 | 6 | 174.2 | 174.0 | 1.1 | 1.1 | 2.9 | 2.9 | 0.6 | 0.6 |
| Obstetricians and Gynaecologists | 32 | 30 | 32.7 | 34.8 | 1.5 | 1.6 | 3.8 | 4.1 | 4.1 | 4.1 |
| Urological Surgeons | 13 | 14 | 80.4 | 74.6 | 1.6 | 1.5 | 2.4 | 2.4 | 1.7 | 1.7 |
| Ophthalmologists | 12 | 16 | 87.1 | 65.3 | 3.0 | 2.4 | 5.2 | 4.2 | 3.3 | 3.4 |
| Otolaryngologists | 11 | 12 | 95.0 | 87.0 | 3.1 | 2.9 | 6.2 | 6.1 | 3.2 | 3.3 |
| Pathologists | 8 | 7 | 130.7 | 149.2 | 34.0 | 40.5 | — | — | 22.9 | 24.7 |
| Diagnostic Radiologists | 34 | 30 | 30.7 | 34.8 | 5.2 | 6.0 | — | — | 14.0 | 14.5 |
| **All Specialists[4]** | **408** | **398** | **2.6** | **2.6** | **2.5** | **2.6** | **3.4** | **3.6** | **44.6** | **45.7** |
| **All Physicians[4]** | **1,186** | **1,167** | **0.9** | **0.9** | **2.3** | **2.3** | **5.7** | **5.8** | **85.2** | **85.2** |
| **Registered Physicians[5]** | **1,501** | **1,499** | **0.7** | **0.7** | — | — | — | — | — | — |
| **Optometrists[4]** | **87** | **90** | **12.0** | **11.6** | **2.2** | **2.4** | **2.3** | **2.5** | **19.1** | **20.6** |
| **Registered Optometrists[5]** | **97** | **99** | **10.8** | **10.5** | — | — | — | — | — | — |
| **Chiropractors[4]** | **98** | **99** | **10.9** | **10.5** | **1.4** | **1.4** | **8.8** | **9.3** | **10.5** | **11.0** |
| **Registered Chiropractors[5]** | **104** | **108** | **10.1** | **9.7** | — | — | — | — | — | — |

1 Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

2 The size of practice is the number of different persons on whose behalf a claim was paid during the year.

3 A patient contact represents each time a practitioner saw a patient professionally regardless of the number of services provided at the time. Services which could be billed in addition to an office visit are excluded. In surgical cases, the patient contacts are understated since most of these procedures are a composite of procedure and pre- and post-operative care. Since patient contacts are not normally made by Pathologists or Radiologists, these two specialties are excluded.

4 Practitioners receiving $30,000 or more in MCIB payments during the year and practising in Saskatchewan under MCIB coverage at the end of the year.

5 Registered Practitioners:

Resident Saskatchewan Physicians as shown by the College of Physicians and Surgeons of Saskatchewan at the end of the year.

Resident Saskatchewan Optometrists as shown by the Saskatchewan Association of Optometrists at the end of the year.

Resident Saskatchewan Chiropractors as shown by the Chiropractors' Association of Saskatchewan at the end of the year.

## Practitioners by Size of Practice

| Type of Practitioner[1] | Number of Practitioners[2] | Size of Practice by Range of Patients[3] | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Less than 500 | 500-1,000 | 1,001-1,500 | 1,501-2,000 | 2,001-2,500 | 2,501-3,000 | 3,001-3,500 | More than 3,500 |
| **General Practitioners** | | | | | | | | | |
| Urban: | 528 | 15 | 39 | 80 | 118 | 97 | 69 | 39 | 71 |
| Association | 394 | 6 | 24 | 56 | 86 | 75 | 55 | 33 | 59 |
| Solo | 134 | 9 | 15 | 24 | 32 | 22 | 14 | 6 | 12 |
| Rural: | 241 | 2 | 17 | 42 | 62 | 41 | 47 | 19 | 11 |
| Association | 136 | 1 | 4 | 12 | 30 | 27 | 36 | 16 | 10 |
| Solo | 105 | 1 | 13 | 30 | 32 | 14 | 11 | 3 | 1 |
| **All General Practitioners 1988-89** | **769** | **17** | **56** | **122** | **180** | **138** | **116** | **58** | **82** |
| All General Practitioners 1987-88 | 778 | 8 | 59 | 136 | 195 | 129 | 113 | 65 | 73 |
| **Specialists** | | | | | | | | | |
| Paediatricians and Medical Geneticists | 30 | 2 | 6 | 9 | 5 | 4 | 1 | 2 | 1 |
| Internists and Physiatrists | 72 | 11 | 14 | 6 | 5 | 11 | 4 | 8 | 13 |
| Neurologists | 9 | — | 3 | 1 | 2 | 1 | — | — | 2 |
| Psychiatrists | 30 | 18 | 10 | 2 | — | — | — | — | — |
| Dermatologists | 5 | — | 2 | 1 | — | 1 | — | — | 1 |
| Anaesthetists | 48 | 5 | 14 | 20 | 9 | — | — | — | — |
| General Surgeons | 49 | 3 | 16 | 22 | 7 | 1 | — | — | — |
| Thoracic Surgeons | 6 | 2 | 2 | 2 | — | — | — | — | — |
| Orthopaedic Surgeons | 24 | 1 | 4 | 4 | 7 | 7 | — | — | 1 |
| Plastic and Reconstructive Surgeons | 10 | — | 2 | 5 | 1 | 2 | — | — | — |
| Neurological Surgeons | 6 | — | 3 | 1 | 2 | — | — | — | — |
| Obstetricians and Gynaecologists | 30 | — | 6 | 5 | 9 | 8 | 2 | — | — |
| Urological Surgeons | 14 | 1 | 1 | 6 | 3 | 2 | 1 | — | — |
| Ophthalmologists | 16 | — | 3 | 2 | 2 | 2 | 1 | 2 | 4 |
| Otolaryngologists | 12 | — | 1 | 1 | 2 | 1 | 2 | — | 5 |
| Pathologists | 7 | — | — | — | — | — | — | — | 7 |
| Diagnostic Radiologists | 30 | 1 | — | 4 | 2 | 3 | 1 | — | 19 |
| **All Specialists 1988-89** | **398** | **44** | **87** | **91** | **56** | **43** | **12** | **12** | **53** |
| All Specialists 1987-88 | 408 | 47 | 98 | 76 | 66 | 32 | 18 | 17 | 54 |
| **All Physicians 1988-89** | **1,167** | **61** | **143** | **213** | **236** | **181** | **128** | **70** | **135** |
| All Physicians 1987-88 | 1,186 | 55 | 157 | 212 | 261 | 161 | 131 | 82 | 127 |
| **Optometrists 1988-89** | **90** | — | **1** | **17** | **12** | **25** | **20** | **7** | **8** |
| Optometrists 1987-88 | 87 | — | 1 | 19 | 22 | 18 | 14 | 8 | 5 |
| **Chiropractors 1988-89** | **99** | **2** | **22** | **36** | **24** | **11** | **2** | **1** | **1** |
| Chiropractors 1987-88 | 96 | 2 | 25 | 33 | 25 | 8 | 1 | 1 | 1 |

[1] Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

[2] Practitioners receiving $30,000 or more in MCIB payments during the year and practising in Saskatchewan under MCIB coverage at the end of the year.

[3] The size of practice is the number of different persons on whose behalf a claim was paid during the year.

## Practitioners by Range of Patient Contacts

| Type of Practitioner[1] | Number of Practitioners[2] | Range of Patient Contacts[3] 1-2,000 | 2,001-4,000 | 4,001-6,000 | 6,001-8,000 | 8,001-10,000 | 10,001-12,000 | Over 12,000 |
|---|---|---|---|---|---|---|---|---|
| **General Practitioners** | | | | | | | | |
| Urban: | 528 | 36 | 114 | 132 | 107 | 74 | 39 | 26 |
| Association | 394 | 22 | 87 | 105 | 81 | 57 | 27 | 15 |
| Solo | 134 | 14 | 27 | 27 | 26 | 17 | 12 | 11 |
| Rural: | 241 | 4 | 23 | 34 | 52 | 46 | 38 | 44 |
| Association | 136 | 3 | 15 | 18 | 34 | 27 | 18 | 21 |
| Solo | 105 | 1 | 8 | 16 | 18 | 19 | 20 | 23 |
| **All General Practitioners 1988-89** | **769** | **40** | **137** | **166** | **159** | **120** | **77** | **70** |
| All General Practitioners 1987-88 | 778 | 38 | 150 | 171 | 159 | 122 | 85 | 53 |
| **Specialists** | | | | | | | | |
| Paediatricians and Medical Geneticists | 30 | 6 | 13 | 4 | 3 | 3 | — | 1 |
| Internists and Physiatrists | 72 | 16 | 20 | 15 | 7 | 10 | 2 | 2 |
| Neurologists | 9 | 4 | 3 | — | — | 1 | 1 | — |
| Psychiatrists | 30 | 12 | 7 | 7 | 1 | 2 | — | 1 |
| Dermatologists | 5 | 1 | 1 | — | 2 | 1 | — | — |
| Anaesthetists | 48 | 42 | 4 | — | 2 | — | — | — |
| General Surgeons | 49 | 14 | 31 | 2 | 1 | — | 1 | — |
| Thoracic Surgeons | 6 | 4 | 2 | — | — | — | — | — |
| Orthopaedic Surgeons | 24 | 4 | 11 | 8 | — | 1 | — | — |
| Plastic and Reconstructive Surgeons | 10 | 2 | 6 | 2 | — | — | — | — |
| Neurological Surgeons | 6 | 1 | 3 | 2 | — | — | — | — |
| Obstetricians and Gynaecologists | 30 | 3 | 11 | 14 | 2 | — | — | — |
| Urological Surgeons | 14 | 5 | 8 | 1 | — | — | — | — |
| Ophthalmologists | 16 | 3 | 5 | 5 | 1 | 2 | — | — |
| Otolaryngologists | 12 | — | 4 | 2 | 1 | 5 | — | — |
| **All Specialists 1988-89** | **361** | **117** | **128** | **62** | **20** | **25** | **4** | **4** |
| All Specialists 1987-88 | 366 | 128 | 132 | 54 | 27 | 17 | 6 | 2 |
| **All Physicians 1988-89** | **1,130** | **157** | **266** | **228** | **179** | **145** | **81** | **74** |
| All Physicians 1987-88 | 1,144 | 166 | 282 | 225 | 186 | 139 | 91 | 55 |
| **Optometrists 1988-89** | **90** | **30** | **54** | **5** | **1** | — | — | — |
| Optometrists 1987-88 | 87 | 37 | 46 | 2 | 2 | — | — | — |
| **Chiropractors 1988-89** | **99** | — | **6** | **11** | **21** | **22** | **14** | **25** |
| Chiropractors 1987-88 | 96 | — | 7 | 13 | 21 | 20 | 15 | 20 |

1 Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

2 Practitioners receiving $30,000 or more in MCIB payments during the year and practising in Saskatchewan under MCIB coverage at the end of the year.

3 A patient contact represents each time the practitioner saw a patient professionally regardless of the number of services provided at the time. Services which could be billed in addition to an office visit are excluded. In surgical cases, the patient contacts are understated since most of these procedures are a composite of procedure and pre- and post-operative care. Since patient contacts are not normally made by Pathologists or Radiologists, these two specialties are excluded.

## Practitioners by Place of Graduation[1]

| Type of Practitioner[2] | Number of Practitioners[3] | Canada | | U.S.A., Central and South America | United Kingdom and Eire | Continental Europe | Asia | Africa | Australia |
|---|---|---|---|---|---|---|---|---|---|
| | | Sask. | Other Prov. | | | | | | |
| **General Practitioners** | | | | | | | | | |
| Urban: | 528 | 211 | 66 | 14 | 118 | 9 | 84 | 24 | 2 |
| Association | 394 | 183 | 48 | 8 | 79 | 5 | 53 | 18 | — |
| Solo | 134 | 28 | 18 | 6 | 39 | 4 | 31 | 6 | 2 |
| Rural: | 241 | 59 | 28 | 2 | 69 | 2 | 35 | 46 | — |
| Association | 136 | 50 | 20 | — | 24 | — | 19 | 23 | — |
| Solo | 105 | 9 | 8 | 2 | 45 | 2 | 16 | 23 | — |
| **All General Practitioners 1988-89** | **769** | **270** | **94** | **16** | **187** | **11** | **119** | **70** | **2** |
| All General Practitioners 1987-88 | 778 | 266 | 99 | 14 | 204 | 11 | 116 | 66 | 2 |
| **Specialists** | | | | | | | | | |
| Paediatricians and Medical Geneticists | 30 | 3 | 7 | 3 | 4 | — | 12 | 1 | — |
| Internists and Physiatrists | 72 | 20 | 22 | 4 | 8 | 3 | 11 | 4 | — |
| Neurologists | 9 | 1 | — | 1 | 3 | — | 4 | — | — |
| Psychiatrists | 30 | 7 | 5 | — | 6 | 2 | 9 | 1 | — |
| Dermatologists | 5 | 1 | 3 | — | 1 | — | — | — | — |
| Anaesthetists | 48 | 21 | 8 | — | 13 | — | 6 | — | — |
| General Surgeons | 49 | 11 | 14 | 1 | 9 | 1 | 12 | 1 | — |
| Thoracic Surgeons | 6 | — | 2 | 2 | 1 | — | 1 | — | — |
| Orthopaedic Surgeons | 24 | 10 | 5 | 1 | 6 | — | 2 | — | — |
| Plastic and Reconstructive Surgeons | 10 | 3 | 4 | — | 1 | 1 | 1 | — | — |
| Neurological Surgeons | 6 | 1 | 1 | — | 1 | — | 2 | 1 | — |
| Obstetricians and Gynaecologists | 30 | 9 | 5 | 1 | 7 | 2 | 3 | 3 | — |
| Urological Surgeons | 14 | 4 | 8 | — | 1 | — | 1 | — | — |
| Ophthalmologists | 16 | 5 | 6 | 1 | 4 | — | — | — | — |
| Otolaryngologists | 12 | 7 | 1 | — | 2 | — | 2 | — | — |
| Pathologists | 7 | — | 3 | — | 2 | — | 1 | 1 | — |
| Diagnostic Radiologists | 30 | 12 | 6 | — | 4 | 1 | 6 | 1 | — |
| **All Specialists 1988-89** | **398** | **115** | **100** | **14** | **73** | **10** | **73** | **13** | **—** |
| All Specialists 1987-88 | 408 | 110 | 103 | 13 | 79 | 14 | 74 | 15 | — |
| **All Physicians 1988-89** | **1,167** | **385** | **194** | **30** | **260** | **21** | **192** | **83** | **2** |
| All Physicians 1987-88 | 1,186 | 376 | 202 | 27 | 283 | 25 | 190 | 81 | 2 |
| **Optometrists 1988-89** | **90** | — | **86** | **4** | — | — | — | — | — |
| Optometrists 1987-88 | 87 | — | 83 | 4 | — | — | — | — | — |
| **Chiropractors 1988-89** | **99** | — | **92** | **7** | — | — | — | — | — |
| Chiropractors 1987-88 | 96 | — | 88 | 8 | — | — | — | — | — |

[1] The place of graduation is the location at which the first medical, optometric, or chiropractic degree was obtained.

[2] Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

[3] Practitioners receiving $30,000 or more in MCIB payments during the year and practising in Saskatchewan under MCIB coverage at the end of the year.

## Practitioners by Age Group

| Type of Practitioner[1] | Number of Practitioners[2] | Age Group | | | | |
|---|---|---|---|---|---|---|
| | | Under 35 | 35-44 | 45-54 | 55-64 | 65+ |
| **General Practitioners** | | | | | | |
| Urban: | 528 | 129 | 187 | 97 | 88 | 27 |
| Association | 394 | 116 | 152 | 55 | 56 | 15 |
| Solo | 134 | 13 | 35 | 42 | 32 | 12 |
| Rural: | 241 | 48 | 66 | 56 | 56 | 15 |
| Association | 136 | 31 | 45 | 27 | 26 | 7 |
| Solo | 105 | 17 | 21 | 29 | 30 | 8 |
| **All General Practitioners 1988-89** | **769** | **177** | **253** | **153** | **144** | **42** |
| All General Practitioners 1987-88 | 778 | 201 | 237 | 157 | 142 | 41 |
| **Specialists** | | | | | | |
| Paediatricians and Medical Geneticists | 30 | 3 | 11 | 9 | 6 | 1 |
| Internists and Physiatrists | 72 | 7 | 27 | 24 | 12 | 2 |
| Neurologists | 9 | — | 3 | 4 | 2 | — |
| Psychiatrists | 30 | 3 | 5 | 12 | 9 | 1 |
| Dermatologists | 5 | — | 2 | 1 | 2 | — |
| Anaesthetists | 48 | 7 | 22 | 8 | 5 | 6 |
| General Surgeons | 49 | 3 | 7 | 19 | 13 | 7 |
| Thoracic Surgeons | 6 | 2 | 1 | 1 | 2 | — |
| Orthopaedic Surgeons | 24 | 5 | 10 | 1 | 8 | — |
| Plastic and Reconstructive Surgeons | 10 | 2 | 4 | — | 4 | — |
| Neurological Surgeons | 6 | — | 2 | 2 | 2 | — |
| Obstetricians and Gynaecologists | 30 | 1 | 11 | 7 | 9 | 2 |
| Urological Surgeons | 14 | 3 | 3 | 6 | 2 | — |
| Ophthalmologists | 16 | 3 | 2 | 3 | 7 | 1 |
| Otolaryngologists | 12 | 3 | 2 | 5 | 2 | — |
| Pathologists | 7 | — | 2 | 1 | 4 | — |
| Diagnostic Radiologists | 30 | 5 | 10 | 8 | 6 | 1 |
| **All Specialists 1988-89** | **398** | **47** | **124** | **111** | **95** | **21** |
| All Specialists 1987-88 | 408 | 45 | 131 | 113 | 93 | 26 |
| **All Physicians 1988-89** | **1,167** | **224** | **377** | **264** | **239** | **83** |
| All Physicians 1987-88 | 1,186 | 246 | 368 | 270 | 235 | 67 |
| **Optometrists 1988-89** | **90** | **23** | **29** | **11** | **20** | **7** |
| Optometrists 1987-88 | 87 | 25 | 28 | 11 | 18 | 5 |
| **Chiropractors 1988-89** | **99** | **37** | **30** | **13** | **13** | **6** |
| Chiropractors 1987-88 | 96 | 38 | 26 | 10 | 16 | 6 |

[1] Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

[2] Practitioners receiving $30,000 or more in MCIB payments during the year and practising in Saskatchewan under MCIB coverage at the end of the year.

## Table 21

## Average Payment[1] (000's) Per Resident Practitioner[2] by Specialty and Range of Paid Amount

| | Type of Practitioner[3] | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | All Physicians | | General Practitioners | | | | | |
| | | | Urban Association | | Rural Association | | Urban Solo | |
| | Average Payment | Number | Average Payment | Number | Average Payment | Number | Average Payment | Number |
| Practitioners[4] | 165.0 | 1,167 | 122.4 | 394 | 152.6 | 136 | 135.4 | 134 |
| Highest Paid | 5,063.5 | | 327.3 | | 418.0 | | 353.4 | |
| Less than $ 30,000 | 10.8 | 178 | 10.5 | 56 | 9.1 | 18 | 11.6 | 35 |
| $ 30,000 - $ 39,999 | 35.5 | 38 | 35.5 | 21 | 36.0 | 3 | 31.8 | 3 |
| $ 40,000 - $ 59,999 | 51.1 | 94 | 50.0 | 43 | 52.2 | 9 | 51.0 | 13 |
| $ 60,000 - $ 79,999 | 70.1 | 100 | 70.9 | 49 | 67.7 | 6 | 70.5 | 12 |
| $ 80,000 - $ 99,999 | 89.4 | 109 | 88.4 | 42 | 92.1 | 14 | 90.9 | 13 |
| $100,000 - $119,999 | 109.5 | 119 | 108.3 | 47 | 113.0 | 14 | 108.7 | 23 |
| $120,000 - $139,999 | 130.1 | 118 | 130.0 | 48 | 130.1 | 15 | 131.8 | 11 |
| $140,000 - $159,999 | 149.7 | 121 | 149.2 | 38 | 150.3 | 18 | 148.7 | 17 |
| $160,000 - $179,999 | 169.9 | 109 | 169.6 | 36 | 170.6 | 16 | 172.1 | 16 |
| $180,000 - $199,999 | 189.2 | 74 | 189.1 | 27 | 189.4 | 11 | 188.1 | 6 |
| Over $200,000 | 318.1 | 285 | 230.7 | 43 | 247.4 | 30 | 250.2 | 20 |
| **Total** | **144.6** | **1,345** | **108.4** | **450** | **135.8** | **154** | **109.8** | **169** |

| | Neurologists | | Psychiatrists | | Dermatologists | | Anaesthetists | |
|---|---|---|---|---|---|---|---|---|
| | Average Payment | Number | Average Payment | Number | Average Payment | Number | Average Payment | Number |
| Practitioners[4] | 196.2 | 9 | 137.9 | 30 | 117.7 | 5 | 156.0 | 48 |
| Highest Paid | 605.3 | | 408.2 | | 255.7 | | 294.5 | |
| Less than $ 30,000 | — | — | 11.7 | 6 | 13.2 | 2 | 15.2 | 4 |
| $ 30,000 - $ 39,999 | — | — | 37.8 | 3 | — | — | — | — |
| $ 40,000 - $ 59,999 | 48.8 | 1 | 55.0 | 4 | 47.1 | 2 | 49.6 | 2 |
| $ 60,000 - $ 79,999 | 75.1 | 1 | 66.0 | 6 | — | — | 73.8 | 3 |
| $ 80,000 - $ 99,999 | 82.2 | 1 | 98.3 | 1 | 90.9 | 1 | 86.9 | 2 |
| $100,000 - $119,999 | 100.6 | 1 | 114.9 | 2 | — | — | 114.0 | 4 |
| $120,000 - $139,999 | 129.0 | 2 | 131.4 | 3 | — | — | 129.2 | 5 |
| $140,000 - $159,999 | 141.6 | 1 | 140.1 | 1 | 147.6 | 1 | 153.5 | 12 |
| $160,000 - $179,999 | — | — | 172.5 | 1 | — | — | 171.6 | 4 |
| $180,000 - $199,999 | — | — | 190.5 | 1 | — | — | 188.0 | 8 |
| Over $200,000 | 529.7 | 2 | 272.6 | 8 | 255.7 | 1 | 232.2 | 8 |
| **Total** | **196.2** | **9** | **116.8** | **36** | **87.8** | **7** | **145.1** | **52** |

| | Obstetricians and Gynaecologists | | Urological Surgeons | | Ophthalmologists | | Otolaryngologists | |
|---|---|---|---|---|---|---|---|---|
| | Average Payment | Number | Average Payment | Number | Average Payment | Number | Average Payment | Number |
| Practitioners[4] | 241.8 | 30 | 185.4 | 14 | 254.6 | 16 | 297.6 | 12 |
| Highest Paid | 496.0 | | 396.9 | | 644.8 | | 485.7 | |
| Less than $ 30,000 | 4.6 | 2 | — | — | 17.5 | 1 | — | — |
| $ 30,000 - $ 39,999 | — | — | — | — | — | — | — | — |
| $ 40,000 - $ 59,999 | 49.3 | 1 | 58.7 | 1 | 47.0 | 1 | — | — |
| $ 60,000 - $ 79,999 | 63.7 | 1 | — | — | — | — | — | — |
| $ 80,000 - $ 99,999 | 91.8 | 3 | — | — | 89.0 | 2 | 81.2 | 1 |
| $100,000 - $119,999 | — | — | — | — | — | — | — | — |
| $120,000 - $139,999 | 122.5 | 1 | 129.3 | 2 | 130.7 | 1 | 125.1 | 1 |
| $140,000 - $159,999 | — | — | 150.7 | 2 | 158.8 | 2 | 143.3 | 1 |
| $160,000 - $179,999 | 170.6 | 2 | 165.3 | 2 | — | — | — | — |
| $180,000 - $199,999 | — | — | 183.7 | 1 | 188.9 | 1 | 196.4 | 2 |
| Over $200,000 | 291.0 | 22 | 243.7 | 6 | 356.9 | 9 | 404.2 | 7 |
| **Total** | **227.0** | **32** | **185.4** | **14** | **240.7** | **17** | **297.6** | **12** |

1 Represents gross payments, including retroactive payments, by the Medical Care Insurance Branch from which the practitioners must pay overhead costs which may be high in specialties such as Radiology and Pathology. The MCIB payments should not be taken to represent total professional income since the practitioners may receive payments from other sources, e.g. from other public or private agencies, from patients requesting services not covered by MCIB.

2 Includes Physicians, Chiropractors, and Optometrists resident in Saskatchewan at the end of the year.

3 Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

4 Practitioners receiving $30,000 or more in MCIB payments during the year and practising in Saskatchewan under MCIB coverage at the end of the year.

| Type of Practitioner[3] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | All General Practitioners | | All Specialists | | Paediatricians and Medical Geneticists | | Internists and Physiatrists | |
| Rural Solo | | | | | | | | | |
| Average Payment | Number | Average Payment | Number | Average Payment | Number | Average Payment | Number | Average Payment | Number |
| 155.1 | 105 | 134.4 | 769 | 224.0 | 398 | 144.3 | 30 | 198.1 | 72 |
| 388.5 | | 418.0 | | 5,063.5 | | 456.9 | | 691.5 | |
| 9.8 | 7 | 10.6 | 116 | 11.2 | 62 | 11.8 | 13 | 14.9 | 14 |
| 35.9 | 3 | 35.2 | 30 | 36.7 | 8 | 38.6 | 2 | 34.4 | 3 |
| 56.3 | 2 | 50.7 | 67 | 52.1 | 27 | 50.3 | 2 | 55.5 | 6 |
| 69.1 | 5 | 70.4 | 72 | 69.2 | 28 | 68.6 | 3 | 68.8 | 9 |
| 89.0 | 11 | 89.6 | 80 | 88.9 | 29 | 92.1 | 4 | 86.6 | 7 |
| 108.6 | 13 | 109.1 | 97 | 111.2 | 22 | 110.9 | 4 | 109.7 | 3 |
| 130.3 | 11 | 130.3 | 85 | 129.5 | 33 | 134.6 | 3 | 132.5 | 4 |
| 151.1 | 11 | 149.6 | 84 | 149.9 | 37 | 144.1 | 3 | 147.0 | 1 |
| 167.4 | 17 | 169.8 | 85 | 170.1 | 24 | 169.9 | 2 | 169.0 | 5 |
| 190.3 | 9 | 189.2 | 53 | 188.9 | 21 | — | — | — | — |
| 246.7 | 23 | 241.5 | 116 | 370.6 | 169 | 279.5 | 7 | 316.2 | 34 |
| **146.0** | **112** | **118.2** | **885** | **195.3** | **460** | **104.2** | **43** | **168.3** | **86** |

| General Surgeons | | Thoracic Surgeons | | Orthopaedic Surgeons | | Plastic and Reconstructive Surgeons | | Neurological Surgeons | |
|---|---|---|---|---|---|---|---|---|---|
| Average Payment | Number | Average Payment | Number | Average Payment | Number | Average Payment | Number | Average Payment | Number |
| 165.8 | 49 | 263.0 | 6 | 232.1 | 24 | 202.3 | 10 | 217.6 | 6 |
| 287.7 | | 468.4 | | 639.3 | | 349.3 | | 375.5 | |
| 3.7 | 6 | — | — | 15.7 | 2 | 11.9 | 2 | — | — |
| — | — | — | — | — | — | — | — | — | — |
| 50.2 | 4 | — | — | 53.0 | 2 | — | — | — | — |
| — | — | — | — | 73.5 | 3 | — | — | — | — |
| 93.2 | 2 | 85.2 | 1 | — | — | 85.0 | 1 | — | — |
| 111.9 | 6 | — | — | — | — | — | — | 104.6 | 1 |
| 127.8 | 5 | 124.6 | 1 | 136.6 | 1 | 124.8 | 1 | 139.2 | 1 |
| 149.4 | 6 | 147.8 | 1 | 152.8 | 2 | 145.6 | 1 | 148.3 | 1 |
| 167.0 | 5 | — | — | 175.5 | 1 | 176.8 | 1 | — | — |
| 187.0 | 4 | — | — | — | — | 190.1 | 2 | 185.6 | 1 |
| 232.1 | 17 | 406.8 | 3 | 308.4 | 15 | 277.6 | 4 | 364.1 | 2 |
| **148.1** | **55** | **263.0** | **6** | **215.4** | **26** | **170.5** | **12** | **217.6** | **6** |

| Pathologists | | Diagnostic Radiologists | | Optometrists | | Chiropractors | |
|---|---|---|---|---|---|---|---|
| Average Payment | Number | Average Payment | Number | Average Payment | Number | Average Payment | Number |
| 1,455.7 | 7 | 343.7 | 30 | 80.7 | 90 | 112.0 | 99 |
| 5,063.5 | | 1,247.0 | | 241.9 | | 195.8 | |
| 8.7 | 3 | 6.6 | 7 | 12.0 | 6 | 23.1 | 6 |
| — | — | — | — | 35.5 | 5 | 35.3 | 4 |
| — | — | 49.9 | 1 | 49.5 | 21 | 50.3 | 6 |
| — | — | 68.2 | 2 | 71.5 | 25 | 70.3 | 14 |
| — | — | 89.1 | 3 | 89.6 | 22 | 88.1 | 16 |
| — | — | 110.5 | 1 | 107.6 | 10 | 111.7 | 20 |
| — | — | 121.2 | 2 | 126.3 | 2 | 128.8 | 14 |
| — | — | 144.3 | 2 | 145.0 | 1 | 149.4 | 8 |
| 179.2 | 1 | — | — | — | — | 166.7 | 8 |
| — | — | 194.3 | 1 | 183.7 | 2 | 187.2 | 9 |
| 1,668.5 | 6 | 501.2 | 18 | 222.7 | 2 | — | — |
| **1,021.6** | **10** | **279.9** | **37** | **76.4** | **96** | **106.9** | **105** |

## Average Payment Per Practitioner by Specialty, 1983-84 to 1988-89

| Type of Practitioner[1] | Average Payment[2] (000's) 1983-84 | 1984-85 | 1985-86 | 1986-87 | 1987-88 | 1988-89 | Average Annual Per Cent Change 1983-84 to 1988-89 |
|---|---|---|---|---|---|---|---|
| **General Practitioners** | | | | | | | |
| Urban: | 116.4 | 117.8 | 122.9 | 129.1 | 122.9 | 125.7 | 1.55 |
| Association | 111.5 | 116.0 | 120.6 | 126.0 | 120.2 | 122.4 | 1.88 |
| Solo | 128.9 | 122.5 | 129.4 | 138.2 | 131.3 | 135.4 | 0.99 |
| Rural: | 129.0 | 136.7 | 140.2 | 147.9 | 143.2 | 153.7 | 3.57 |
| Association | 126.3 | 133.0 | 134.9 | 138.8 | 137.2 | 152.6 | 3.86 |
| Solo | 132.9 | 142.7 | 147.0 | 159.9 | 152.9 | 155.1 | 3.14 |
| **All General Practitioners** | **121.5** | **125.0** | **129.0** | **135.6** | **129.8** | **134.4** | **2.04** |
| **Specialists** | | | | | | | |
| Paediatricians and Medical Geneticists | 115.0 | 120.3 | 137.1 | 139.1 | 130.9 | 144.3 | 4.64 |
| Internists and Physiatrists | 141.8 | 152.6 | 170.6 | 177.2 | 177.2 | 198.1 | 6.92 |
| Neurologists | 126.1 | 154.8 | 160.5 | 180.0 | 172.0 | 196.2 | 9.24 |
| Psychiatrists | 113.4 | 125.8 | 133.1 | 153.5 | 134.6 | 137.9 | 3.99 |
| Dermatologists | 85.7 | 93.1 | 79.0 | 87.1 | 114.8 | 117.7 | 6.55 |
| Anaesthetists | 119.3 | 127.8 | 122.5 | 134.8 | 145.9 | 156.0 | 5.51 |
| General Surgeons | 122.4 | 125.1 | 133.4 | 146.1 | 149.8 | 165.8 | 6.26 |
| Thoracic Surgeons | 185.7 | 222.2 | 252.4 | 230.7 | 295.0 | 263.0 | 7.21 |
| Orthopaedic Surgeons | 175.2 | 188.9 | 200.7 | 211.5 | 219.7 | 232.1 | 5.79 |
| Plastic and Reconstructive Surgeons | 166.8 | 166.7 | 177.9 | 188.4 | 196.2 | 202.3 | 3.93 |
| Neurological Surgeons | 135.2 | 144.7 | 158.0 | 182.7 | 203.9 | 217.6 | 9.99 |
| Obstetricians and Gynaecologists | 178.0 | 182.2 | 191.5 | 219.6 | 215.4 | 241.8 | 6.32 |
| Urological Surgeons | 140.7 | 146.6 | 145.4 | 166.3 | 179.4 | 185.4 | 5.67 |
| Ophthalmologists | 165.1 | 184.2 | 209.8 | 282.9 | 290.5 | 254.6 | 9.05 |
| Otolaryngologists | 239.6 | 299.2 | 267.7 | 300.0 | 293.0 | 297.6 | 4.43 |
| Pathologists | 962.4 | 951.8 | 1,042.0 | 1,219.1 | 1,121.9 | 1,455.7 | 8.63 |
| Diagnostic Radiologists | 240.4 | 250.7 | 261.7 | 272.8 | 277.5 | 343.7 | 7.41 |
| **All Specialists** | **159.4** | **172.5** | **185.1** | **202.2** | **203.9** | **224.0** | **7.04** |
| **All Physicians** | **134.6** | **141.3** | **148.6** | **158.7** | **155.3** | **165.0** | **4.16** |
| **Optometrists** | **63.6** | **55.3** | **69.7** | **66.0** | **72.0** | **80.7** | **4.88** |
| **Chiropractors** | **78.5** | **78.5** | **91.6** | **108.4** | **105.6** | **112.0** | **7.37** |

[1] Physicians are shown in specialties or general practice in accordance with the listing of the College of Physicians and Surgeons of Saskatchewan at the end of the year.

Chiropractors, Optometrists, and Physicians, receiving $30,000 or more in MCIB payments during the year and practising in Saskatchewan under MCIB coverage at the end of the year.

[2] Represents gross payments, including retroactive payments, by the MCIB from which the practitioner must pay overhead costs which may be high in specialties such as Radiology and Pathology. The MCIB payment should not be taken to represent total professional income since practitioners may receive payment from other sources, e.g. from other public or private agencies, from patients requesting services not covered by MCIB.

## Physician Payments by Specialty Group

| | General Practitioners | | Medical Specialists[1] | | Surgical Specialists[1] | | Technical Specialists[1] | |
|---|---|---|---|---|---|---|---|---|
| | Number | Average Payment | Number | Average Payment | Number | Average Payment | Number | Average Payment |
| **A. By Resident Community:[2]** | | | | | | | | |
| Regina | 170 | 121.9 | 43 | 264.9 | 62 | 229.9 | 33 | 346.8 |
| Saskatoon[3] | 207 | 108.2 | 87 | 120.6 | 78 | 218.3 | 49 | 307.7 |
| Moose Jaw | 27 | 132.5 | 4 | 210.6 | 6 | 178.0 | — | — |
| Prince Albert | 47 | 146.4 | 7 | 226.8 | 7 | 152.6 | 2 | * |
| Yorkton | 21 | 144.3 | 2 | * | 3 | 217.1 | — | — |
| Swift Current | 15 | 199.0 | 2 | * | 4 | 168.3 | — | — |
| North Battleford | 25 | 144.0 | — | — | 3 | 241.0 | — | — |
| Estevan | 7 | 218.1 | — | — | 1 | * | — | — |
| Weyburn | 9 | 181.5 | — | — | — | — | — | — |
| All Other Locations | 241 | 153.7 | 1 | * | 3 | 119.4 | 1 | * |
| **B. By Activity Threshold:** | | | | | | | | |
| 1. Resident at Year End and No Change in Location During Year | | | | | | | | |
| ≥ $30,000 | 721 | 136.5 | 142 | 172.7 | 156 | 218.4 | 83 | 334.2 |
| ≥ $40,000 | 694 | 140.4 | 134 | 180.8 | 156 | 218.4 | 83 | 334.2 |
| 2. Resident Full Year | | | | | | | | |
| ≥ $30,000 | 719 | 138.8 | 142 | 174.7 | 158 | 222.8 | 82 | 338.6 |
| ≥ $40,000 | 696 | 142.2 | 134 | 182.9 | 158 | 222.8 | 82 | 338.6 |
| 3. Resident and Active in Two Consecutive Years | | | | | | | | |
| ≥ $30,000 | 690 | 140.8 | 136 | 179.9 | 153 | 224.9 | 79 | 349.1 |
| ≥ $40,000 | 676 | 143.0 | 130 | 186.5 | 153 | 224.9 | 79 | 349.1 |
| 4. Resident During Any Portion of the Year | | | | | | | | |
| ≥ $30,000 | 814 | 130.7 | 151 | 168.1 | 178 | 208.5 | 91 | 313.2 |
| ≥ $40,000 | 775 | 135.5 | 142 | 176.4 | 176 | 210.4 | 91 | 313.2 |
| 5. Person-Year Equivalents[4] | | | | | | | | |
| ≥ $30,000 | 779.5 | 136.5 | 148.4 | 171.0 | 169.7 | 218.7 | 86.3 | 330.2 |
| ≥ $40,000 | 748.5 | 140.3 | 139.7 | 179.3 | 168.4 | 219.9 | 86.3 | 330.2 |
| 6. Resident at Year End With Payments ≥ $7,500 in Each Quarter of the Year | 670 | 145.3 | 129 | 187.6 | 153 | 227.1 | 77 | 353.2 |
| 7. Resident at Year End and Not in Teaching Institutions | 751 | 136.1 | 94 | 220.8 | 144 | 228.2 | 68 | 363.6 |
| **C. By Place of Graduation:[2]** | | | | | | | | |
| Saskatchewan | 270 | 131.3 | 32 | 164.3 | 50 | 233.0 | 33 | 240.8 |
| Canada, Other Than Saskatchewan | 94 | 112.6 | 37 | 134.6 | 46 | 190.8 | 17 | 508.4 |
| United Kingdom and Eire | 187 | 147.4 | 22 | 127.1 | 32 | 201.7 | 19 | 248.1 |
| Asia | 119 | 132.7 | 36 | 232.8 | 24 | 229.8 | 13 | 421.3 |
| Other Areas | 99 | 141.3 | 19 | 192.9 | 15 | 246.4 | 3 | 402.9 |
| **D. By Age Group:[2]** | | | | | | | | |
| Under 35 | 177 | 116.5 | 13 | 150.3 | 22 | 188.2 | 12 | 138.9 |
| 35 - 44 | 253 | 138.7 | 48 | 155.0 | 42 | 249.3 | 34 | 248.2 |
| 45 - 54 | 153 | 150.7 | 50 | 196.9 | 44 | 217.8 | 17 | 339.1 |
| 55 - 64 | 144 | 140.0 | 31 | 176.7 | 49 | 215.4 | 15 | 723.6 |
| 65+ | 42 | 106.1 | 4 | 90.9 | 10 | 134.3 | 7 | 180.4 |

[1] Physicians are grouped as follows:
- Medical Specialists include Paediatricians, Internists, Neurologists, Psychiatrists, Dermatologists, Physiatrists, and Medical Geneticists.
- Surgical Specialists include General Surgeons, Thoracic Surgeons, Orthopaedic Surgeons, Plastic and Reconstructive Surgeons, Neurological Surgeons, Obstetricians and Gynaecologists, Urological Surgeons, Ophthalmologists and Otolaryngologists.
- Technical Specialists include Anaesthetists, Pathologists and Diagnostic Radiologists.

[2] Physicians receiving $30,000 or more in MCIB payments during the year and practising in Saskatchewan at the end of the year.

[3] Includes physicians who practise out of teaching institutions. Average payments may reflect a downward bias as a result.

[4] Person-year equivalents are prorated on the number of months in practice.

* Not shown, to preserve confidentiality.

# Supplementary Health Program

The Supplementary Health Program provides for payment of accounts for non-insured health services to people nominated for coverage by Saskatchewan Social Services. Responsibility for the Supplementary Health Program was transferred from the Medical Services Division of Saskatchewan Health to the Medical Care Insurance Branch effective September 1, 1987.

Beneficiary classifications under the Program include Saskatchewan Assistance Plan beneficiaries, government wards, inmates of correctional institutions, and nominated persons 65 years and older who are receiving Level 2, 3 or 4 care in special-care homes or hospitals and whose income is at or below the Saskatchewan Income Plan level.

Supplementary Health Program beneficiaries averaged 64,443 per month in 1988-89.

Beneficiaries are provided with a Health Services Card and a supplementary health card. The supplementary health card entitles beneficiaries to an additional range of non-insured services.

## Medical Services

The Supplementary Health Program pays for non-insured third-party medical examinations requested by Saskatchewan Social Services. These examinations are to determine level of required nursing care, rehabilitation potential or employability.

## Dental Services

Coverage includes preventive, restorative, exodontic, and prosthetic dentistry but does not include payment for services that are available to children under the Children's Dental Program. Payments are made on the basis of a schedule negotiated with the College of Dental Surgeons of Saskatchewan.

## Drug and Medical Appliance Services

The Supplementary Health Program provides drug benefits at three levels:

Plan One — All beneficiaries may obtain the following prescribed drugs without charge: insulin, oral hypoglycemics, injectable vitamin B12, birth control pills, allergenic extracts and products used in megavitamin therapy. All formulary drugs are made available to Plan One beneficiaries at a reduced prescription charge.

Plan Two — In addition to the benefits under Plan One, the beneficiary may receive, without charge, any prescribed drug on the Saskatchewan Prescription Drug Plan Formulary. All persons under 18, rehabilitation cases, unmarried mothers, transients and individuals with unusually high drug requirements are eligible for Plan Two.

Plan Three — In addition to the benefits under Plans One and Two, the beneficiary may receive most non-formulary drugs without charge. This coverage is granted to residents in nursing and approved community homes, government wards and provincial correctional centre inmates.

The Supplementary Health Program pays the full cost of most medical supplies and appliances prescribed by a physician which are not benefits under the SAIL Plan.

## Optical Services

The Supplementary Health Program pays for eyeglasses on behalf of eligible beneficiaries whether provided by an optometrist or ophthalmic dispensary. Payment is made on the basis of laboratory costs plus a dispensing fee. Fees are paid according to negotiated payment schedules. There is an upper limit on the amount paid for eyeglass frames.

## Medical Transportation

Benefits include coverage for emergency medical transportation by road ambulance and the Saskatchewan Government air ambulance service. On April 1, 1986, payment responsibility for the universal component of the Northern Medivac Program was transferred from the Northern Health Services Branch to the Supplementary Health Program. Additional coverage is provided to clients in northern Saskatchewan in the form of long-distance medically related transportation by other types of commercial carrier subject to pre-authorization by local health personnel.

## Supplementary Health Program Payments By Beneficiary Category

| Services | Categories of Beneficiaries | | | | | |
|---|---|---|---|---|---|---|
| | Social Assistance Plan | Government Wards | Provincial Correctional Institutions | Sask Income Plan Recipients in Special Care Homes | Other Beneficiary Categories | Totals |
| Medical Services | $ 107,445 | $ 588 | $ 1,461 | $ 121 | $ 45,674 | $ 155,289 |
| Dental Services | 1,967,540 | 43,273 | 83,817 | — | 137,318 | 2,231,948 |
| Optical Services | 590,257 | 29,345 | 35,367 | 14,167 | 17,609 | 686,745 |
| Prescription Drugs | 180,690 | 47,194 | 56,546 | 519,392 | 274 | 804,096 |
| Medical Appliances and Supplies | 311,641 | 17,300 | 3,874 | 236,885 | 19,208 | 588,908 |
| Medical Transportation (Aircraft) | 275,511 | 4,136 | 102 | — | 12,324 | 292,073 |
| Medical Transportation (Ground) | 1,256,673 | 18,966 | 6,077 | 160,067 | 133,362 | 1,575,145 |
| Medivac | — | — | — | — | 182,196 | 182,196 |
| **Totals** | **$4,689,757** | **$160,802** | **$187,244** | **$930,632** | **$547,965** | **$6,516,400** |

**Supplementary Health Program**
**Medical Examinations, Appliances, and Supplies**

| Services | Number | Cost |
|---|---|---|
| **Medical Examinations** | | |
| Examination and Report | 3,235 | $130,455 |
| Other medical reports | 796 | 11,793 |
| Laboratory Tests | 3,383 | 13,041 |
| **Medical Appliances and Supplies** | | |
| Dressings, bandages, tapes, etc. | 2,773 | 98,477 |
| Syringes, hypodermic needles | 4,244 | 93,846 |
| Hearing aid units | 186 | 30,787 |
| Hearing aid evaluation fees | 293 | 46,025 |
| Hearing aid accessories | 1,305 | 12,904 |
| Hearing aid repairs | 117 | 5,844 |
| Ostomy sets and accessories | 1,053 | 58,758 |
| Catheters and accessories | 1,022 | 97,367 |
| Glucometers, TENS units, gloves, etc. | 1,355 | 79,781 |
| Apnea monitor rentals | 22 | 2,852 |
| Orthopedic footwear (custom built) | 64 | 4,563 |
| Allergy serums | 378 | 16,807 |
| Other appliances, supplies, services | 1,329 | 40,245 |
| **Totals** | **21,555** | **$743,545** |

## Supplementary Health Program Dental Services

| Dentist Services | Number | Cost |
|---|---|---|
| **Diagnostic** | | |
| Examinations | 9,721 | $ 143,936 |
| Periapical x-rays (1 to 5 films) | 6,421 | 77,769 |
| Bitewing x-rays (1 or two films) | 6,398 | 90,288 |
| X-ray — full mouth series | 1 | 56 |
| **Preventive** | | |
| Dental prophylaxis, oral hygiene instruction, scaling, topical fluoride application | 7,853 | $ 261,204 |
| Space Maintainer | 1 | 84 |
| **Restorative** | | |
| Caries Control | 330 | $ 2,459 |
| Amalgam Restorations | | |
| — Primary (1 to 3 surfaces) | 1,019 | $ 22,018 |
| — Permanent (1 to 3 surfaces) | 12,899 | 429,591 |
| Composite resin restorations | 6,065 | 178,192 |
| Crowns — stainless steel or acrylic | 329 | 13,729 |
| Recement Crown | 62 | 1,287 |
| **Endodontics** | | |
| Pulpotomy | 275 | $ 6,930 |
| Trephenation | 63 | 1,315 |
| Reposition traumatically displaced tooth | 16 | 793 |
| **Prosthetic Services** | | |
| Complete Upper Denture | 614 | $ 105,893 |
| Complete Lower Denture | 401 | 69,274 |
| Partial Dentures | 342 | 37,720 |
| Denture Repairs | 813 | 24,807 |
| Denture Reline, Rebase, Adjustments | 802 | 36,475 |
| Bridge Repair | 10 | 213 |
| **Oral Surgery** | | |
| Extractions | 10,737 | $ 192,062 |
| Oral Surgery | 680 | 38,577 |
| **Adjunctive General Services** | | |
| Palliative Care | 1,267 | $ 19,685 |
| Non-Specialist Hourly Fee | 20 | 1,473 |
| Behaviour Management/Specialist | 597 | 8,529 |
| **Provincial Correctional Centres** | | |
| Services within the centres at Regina, Saskatoon, Prince Albert | 2,616 | $ 31,727 |

## Supplementary Health Program Dental Services

| Specialist Dental Services | Number | Cost |
|---|---|---|
| Initial Examination — oral surgery | 186 | $ 4,576 |
| Panoramic radiograph | 142 | 3,710 |
| Removal of tooth | 653 | 14,402 |
| Complicated surgery involving flap | 74 | 4,262 |
| Soft tissue impaction | 54 | 3,629 |
| Unerupted impactions | 224 | 23,958 |
| Root removals | 38 | 2,573 |
| Specialist hourly fee | 4 | 3,511 |
| Major orthodontia | 953 | 56,930 |

| Denturist Services | Number | Cost |
|---|---|---|
| Complete upper denture | 381 | $ 93,322 |
| Complete lower denture | 291 | 71,301 |
| Partial dentures | 52 | 9,524 |
| Extra clasps | 29 | 316 |
| Denture repairs | 352 | 7,696 |
| Reline denture — self curing | 15 | 668 |
| Reline denture — processed | 133 | 9,957 |
| Rebase dentures | 20 | 1,892 |
| Denture identification | 620 | 4,586 |

| Dental Laboratory Services | Number | Cost |
|---|---|---|
| Complete upper or lower denture | 774 | $ 85,957 |
| Immediate dentures | 272 | 33,166 |
| Partial acrylic dentures | 336 | 29,471 |
| Extra clasps | 26 | 305 |
| Models, etc. | 4,044 | 27,983 |
| Reline of denture — processed | 491 | 22,269 |
| **Subtotal** | **88,518** | **$2,312,048** |
| **Less:** Adjustment for claims received for services provided in 1988-89 but paid in 1989-90. This adjustment is made to reflect the cash basis of accounting used in the Public Accounts | | 80,101 |
| **Total** | | **$2,231,948** |

## Supplementary Health Program Optometric Services

| Optometrist Services | Volume | Dispensing Fees | Material Costs | Total Costs |
|---|---|---|---|---|
| **New Prescriptions** | | | | |
| Unifocal lenses with | | | | |
| — new frame | 3,408 | $137,683 | $147,303 | $284,986 |
| — old frame | 329 | 8,809 | 7,385 | 16,194 |
| Bifocal lenses with | | | | |
| — new frame | 1,121 | 52,743 | 77,339 | 130,082 |
| — old frame | 254 | 8,389 | 12,277 | 20,666 |
| **Replacements** | | | | |
| — frames only | 246 | 1,415 | 4,985 | 6,400 |
| — lenses only | 252 | 3,159 | 5,086 | 8,245 |
| — complete glasses | 333 | 6,670 | 15,472 | 22,142 |
| **Repairs** | 551 | 3,174 | 4,342 | 7,516 |
| **Contact Lenses** | 15 | 2,920 | — | 2,920 |
| **Other Services** | 15 | 686 | 677 | 1,363 |
| **Totals** | **6,524** | **$ 225,648** | **$ 274,866** | **$ 500,514** |

| Ophthalmic Dispensers Services | Volume | Dispensing Fees | Material Costs | Total Costs |
|---|---|---|---|---|
| **New Prescriptions** | | | | |
| Unifocal lenses with | | | | |
| — new frame | 1,440 | $ 39,168 | $ 62,949 | $102,117 |
| — old frame | 130 | 2,363 | 3,045 | 5,408 |
| Bifocal lenses with | | | | |
| — new frame | 478 | 15,051 | 33,701 | 48,721 |
| — old frame | 85 | 1,923 | 4,296 | 6,219 |
| **Replacements** | | | | |
| — frames only | 181 | 824 | 3,631 | 4,455 |
| — lenses only | 101 | 853 | 2,015 | 2,868 |
| — complete glasses | 126 | 1,764 | 5,800 | 7,564 |
| **Repairs** | 257 | 1,169 | 2,277 | 3,446 |
| **Contact Lenses** | 6 | 802 | — | 802 |
| **Other Services** | 9 | 2,867 | 70 | 337 |
| **Totals** | **2,808** | **$ 86,784** | **$ 117,753** | **$ 184,565** |
| Other Payees | 49 | $ 683 | $ 1,095 | $ 1,778 |
| **Totals** | **9,381** | **$ 293,115** | **$ 393,714** | **$ 686,857** |

## Children's Dental Program

Saskatchewan Health implemented a comprehensive dental care program for children in 1974. The objective of the program is to improve the dental health of children by providing preventive, treatment and education services to Saskatchewan children. The program is designed to provide dental care during the formative years and to establish positive habits for dental health which children will carry into adulthood.

From 1974 to 1987 most services were provided in school-based clinics by teams of dentists, dental therapists and assistants employed by the department. Dental teams generally visited most elementary schools in the province once per year and provided a basic scope of services to children enrolled in the plan. The plan operated on a "school year" basis; i.e. September to August of the following calendar year.

In the school year 1981-82 a bridging program was developed to support the transition of adolescents to private practice dentists. The program consisted of the assignment of adolescents to specific dentists by the parents or guardians. The Department of Health contracted to make a capitation payment (or uniform fee) to the College of Dental Surgeons of Saskatchewan for each adolescent making one or more visits to a participating dentist. The College remunerated each dentist according to a fee schedule designed for the plan. A prescribed range of services was provided at no charge to the parents.

In 1987 the capitation model was expanded to encompass all children born between 1974 and 1982; i.e. ages 5 to 13 inclusive. The program name was changed from the Saskatchewan Health Dental Plan to the Children's Dental Program. The new program came into effect on September 1, 1987. The time at which children became eligible for the Children's Dental Program was modified effective September 1, 1988. Rather than becoming eligible for dental services in September of the year in which they turned five, children became eligible in the month they turned five. In addition to being easier for parents to understand, this change provided earlier access to dental services for most 5 year olds.

Services in the program year 1988-89 were provided by over 300 private practice dentists in Saskatchewan, by the Saskatchewan Institute of Applied Science and Technology in Regina, and by the College of Dentistry clinic at the University of Saskatchewan. Several dentists in Alberta and Manitoba, located near the borders, also participated in the program for the convenience of Saskatchewan residents.

Dental health education was provided to over 112,000 students in Kindergarten through Grade 6 by the Community Health Services Branch. In addition, the Northern Health Services Branch provides a program of prevention, treatment and dental health education to children resident in Northern Saskatchewan. Detailed information on these activities is available in other reports of the Department.

## Registration in the Children's Dental Program at August 31, 1989 (Excludes Registered Indians)

| Age Group | Number Eligible | Number Registered | Percent Registered |
|---|---|---|---|
| **Total** | **132,698** | **123,392** | **93.0** |
| Born 1975 | 4,573 | 4,212 | 92.1 |
| 1976 | 14,128 | 13,130 | 92.9 |
| 1977 | 14,459 | 13,559 | 93.8 |
| 1978 | 14,332 | 13,553 | 94.6 |
| 1979 | 14,859 | 14,144 | 95.2 |
| 1980 | 14,824 | 14,083 | 95.0 |
| 1981 | 14,852 | 14,136 | 95.2 |
| 1982 | 15,284 | 14,529 | 95.1 |
| 1983 | 15,224 | 13,591 | 89.3 |
| 1984 | 10,163 | 8,455 | 83.2 |

## Registration in the Children's Dental Program by Registered Indians at August 31, 1989

| Age Group | Number Eligible | Number Registered | Percent Registered |
|---|---|---|---|
| **Total** | **11,283** | **7,298** | **64.7** |
| Born 1975 | 353 | 202 | 57.2 |
| 1976 | 1,118 | 779 | 69.7 |
| 1977 | 1,144 | 803 | 70.2 |
| 1978 | 1,205 | 838 | 69.5 |
| 1979 | 1,201 | 822 | 68.4 |
| 1980 | 1,234 | 878 | 71.2 |
| 1981 | 1,354 | 947 | 69.9 |
| 1982 | 1,335 | 920 | 68.9 |
| 1983 | 1,395 | 771 | 55.3 |
| 1984 | 944 | 338 | 35.8 |

## Registration of Eligible Children by Location at August 31, 1989

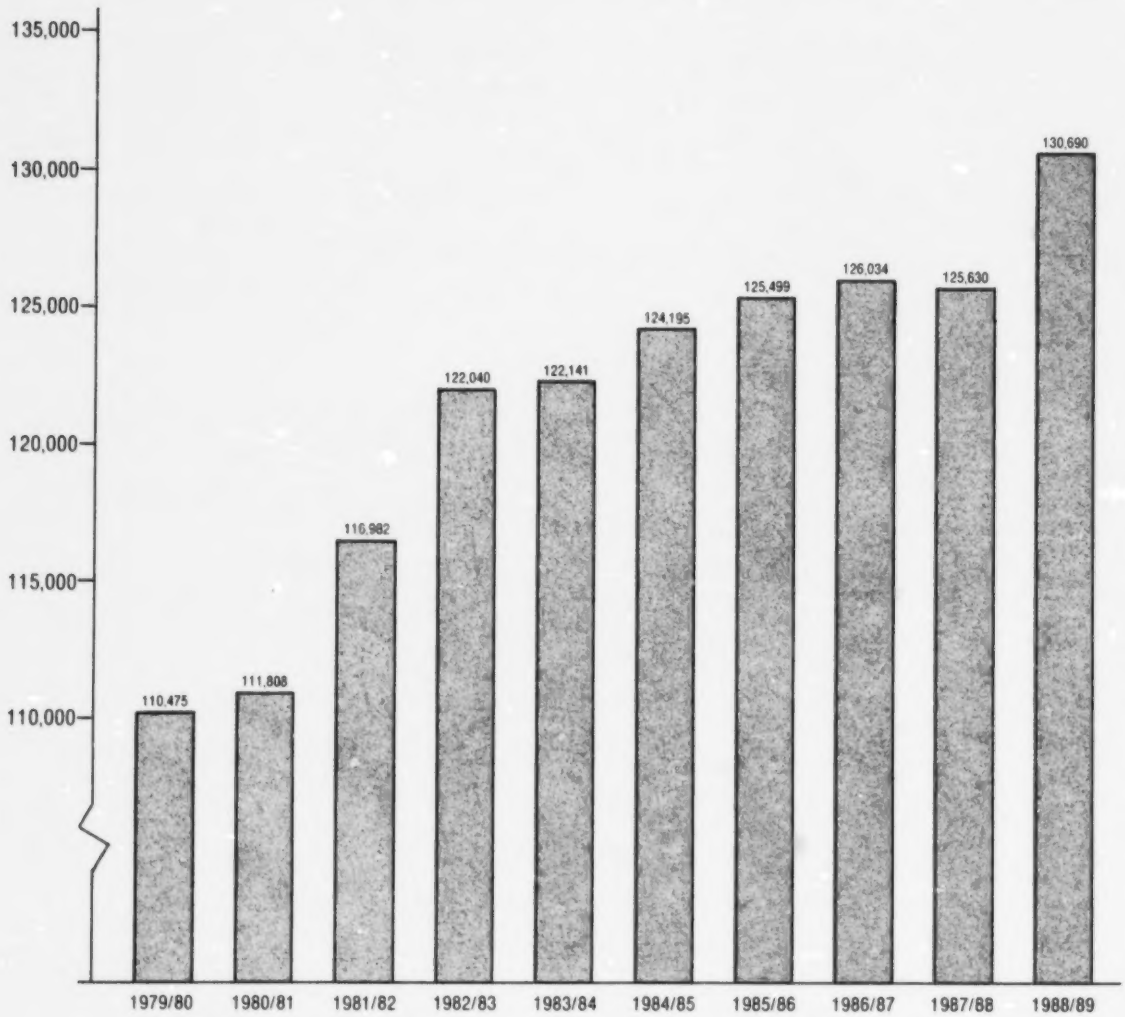
| Location | Number Eligible | Number Registered | % of Eligible Registered | Number Receiving Services | % Registered Receiving Services |
|---|---|---|---|---|---|
| **All Children (Excluding Registered Indians)** | | | | | |
| Rural | 66,697 | 63,250 | 94.8 | 59,768 | 94.5 |
| Urban | 66,001 | 60,142 | 91.1 | 54,385 | 90.4 |
| **Totals** | **132,698** | **123,392** | **93.0** | **114,153** | **92.5** |
| **Registered Indian Children** | | | | | |
| Rural | 6,912 | 4,467 | 64.6 | 3,618 | 81.0 |
| Urban | 4,371 | 2,831 | 64.8 | 2,021 | 71.4 |
| **Totals** | **11,283** | **7,298** | **64.7** | **5,639** | **77.3** |
| **All Eligible Children** | | | | | |
| Rural | 73,609 | 67,717 | 92.0 | 63,386 | 93.6 |
| Urban | 70,372 | 62,973 | 89.5 | 56,406 | 89.6 |
| **Totals** | **143,981** | **130,690** | **90.8** | **119,792** | **91.7** |

**Note:** Urban locations include the following:

| | |
|---|---|
| Estevan | Regina |
| Lloydminster | Saskatoon |
| Moose Jaw | Swift Current |
| North Battleford | Weyburn |
| Prince Albert | Yorkton |

**Figure 5**

**Total Number of Children Ages 5-13 Registered in the Saskatchewan Health Dental Plan and the Children's Dental Program at August 31 of Each Year**




Note: 1979/80 was the first year in which children aged 13 became eligible under the program.

## Table 31

## Dental Health of Children Examined September 1988 to August 1989

| | Average Number Per Child By Year of Birth | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 |
| **Decayed, extracted or filled deciduous teeth (DEF)** | — | — | — | — | — | **3.02** | **2.90** | **2.59** | **2.28** |
| — decayed | — | — | — | — | — | 0.58 | 0.73 | 1.03 | 1.67 |
| — extracted | — | — | — | — | — | 0.04 | 0.04 | 0.03 | 0.02 |
| — filled | — | — | — | — | — | 2.39 | 2.12 | 1.52 | 0.58 |
| **Decayed, missing or filled permanent teeth (DMF)** | **2.98** | **2.30** | **1.71** | **1.29** | **0.90** | **0.70** | **0.50** | **0.19** | **0.03** |
| — decayed | 0.75 | 0.60 | 0.44 | 0.34 | 0.28 | 0.31 | 0.30 | 0.15 | 0.02 |
| — missing | 0.04 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| — filled | 2.18 | 1.67 | 1.24 | 0.93 | 0.61 | 0.38 | 0.19 | 0.03 | 0.00 |
| **Total DEF plus DMF** | **3.22** | **2.91** | **3.10** | **3.57** | **3.80** | **3.73** | **3.40** | **2.79** | **2.31** |
| Percent of Children with DMF of 0 | 26.1% | 33.0% | 41.5% | 47.9% | 59.5% | 66.4% | 74.9% | 89.8% | 97.9% |
| Percent of Children with DEF of 0 | — | — | — | — | — | 32.0% | 34.1% | 42.4% | 50.1% |
| Percent of DMF plus DEF of 0 | — | — | — | — | — | 26.5% | 30.5% | 40.9% | 49.8% |
| Decayed deciduous and permanent teeth | — | — | — | — | — | 0.90 | 1.04 | 1.18 | 1.70 |
| Filled deciduous and permanent teeth | — | — | — | — | — | 2.78 | 2.32 | 1.56 | 0.58 |
| Ratio of filled deciduous and permanent teeth to DMF plus DEF | — | — | — | — | — | 0.74 | 0.68 | 0.56 | 0.25 |
| Ratio of missing plus extracted to filled teeth | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 |
| Permanent teeth erupted and not decayed | 22.78 | 21.50 | 18.59 | 14.95 | 12.10 | 10.34 | 8.08 | 4.51 | 0.96 |
| Deciduous teeth filled and redecayed | — | — | — | — | — | 0.06 | 0.06 | 0.05 | 0.02 |
| Permanent teeth filled and redecayed | 0.03 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

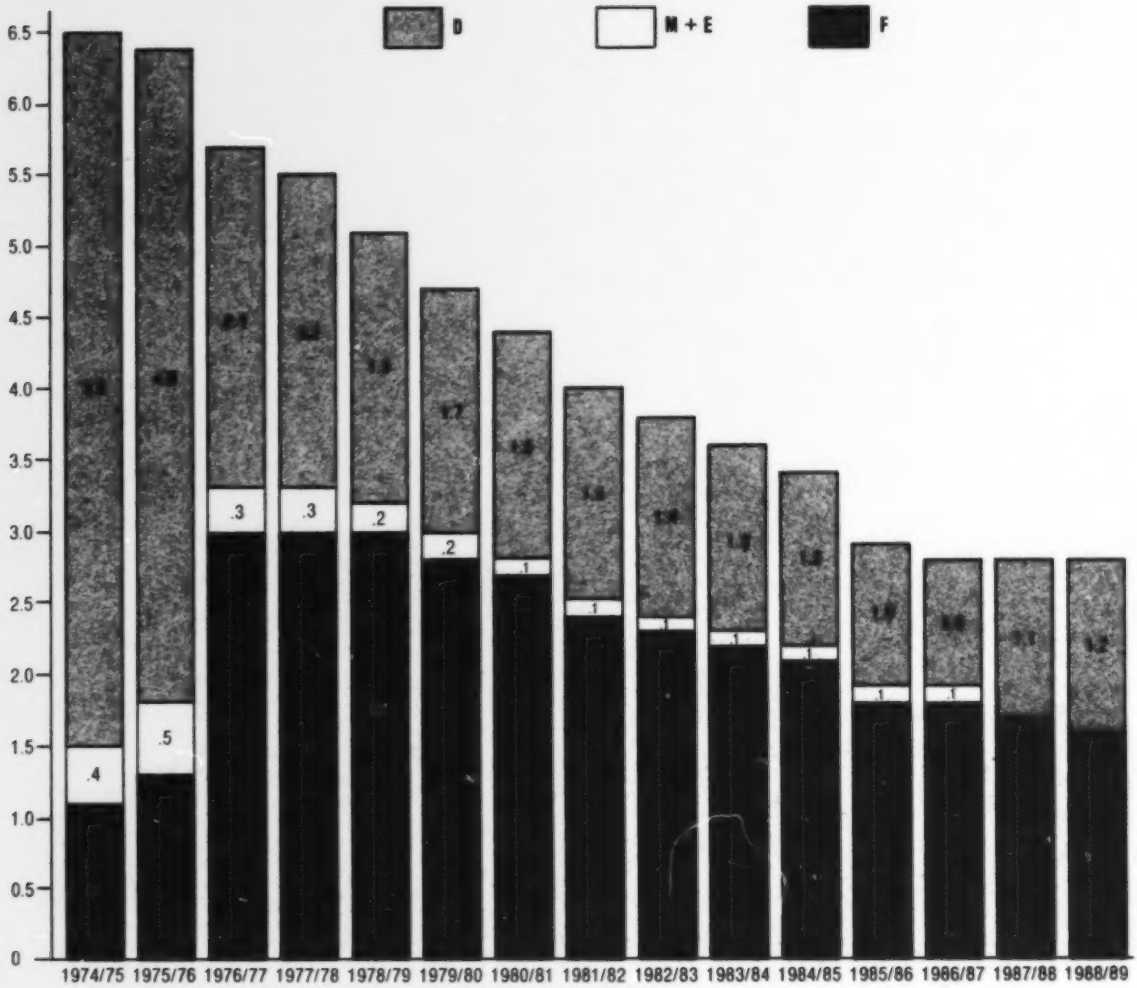
**Note:** Dental health indices on deciduous teeth for children born from 1974 to 1979 have not been reported since too high a proportion of deciduous teeth have already been shed.

## Progression of Decayed, Missing and Filled Permanent Teeth By Age 1974-75 to 1988-89

| Program Year | Age | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 1974-75 | .94 | — | — | — | — | — | — | — |
| 1975-76 | .80 | 1.95 | — | — | — | — | — | — |
| 1976-77 | .72 | 1.81 | 2.71 | 3.10 | — | — | — | — |
| 1977-78 | .67 | 1.52 | 2.54 | 3.21 | 3.68 | — | — | — |
| 1978-79 | .57 | 1.46 | 2.26 | 3.01 | 3.65 | 4.42 | 5.23 | — |
| 1979-80 | .53 | 1.24 | 2.08 | 2.69 | 3.43 | 4.20 | 5.24 | 6.25 |
| 1980-81 | .38 | 1.17 | 1.80 | 2.47 | 3.07 | 3.94 | 4.96 | 6.26 |
| 1981-82 | .32 | .93 | 1.76 | 2.30 | 2.96 | 3.63 | 4.71 | 5.86 |
| 1982-83 | .31 | .83 | 1.45 | 2.27 | 2.76 | 3.43 | 4.33 | 5.48 |
| 1983-84 | .26 | .71 | 1.23 | 1.80 | 2.57 | 3.18 | 4.05 | 4.99 |
| 1984-85 | .23 | .61 | 1.08 | 1.55 | 2.14 | 2.94 | 3.67 | 4.61 |
| 1985-86 | .17 | .52 | .88 | 1.32 | 2.78 | 2.42 | 3.35 | 4.06 |
| 1986-87 | .14 | .39 | .78 | 1.14 | 1.55 | 2.13 | 2.90 | 3.82 |
| 1987-88 | .22 | .44 | .69 | 1.07 | 1.41 | 1.91 | 2.52 | 3.39 |
| 1988-89 | .19 | .50 | .70 | .90 | 1.29 | 1.71 | 2.30 | 2.98 |

**Note:** This table shows the improvements in the number of decayed, missing and filled permanent teeth for individual age groups from the 1974-75 program year to the 1988-89 program year. For example, the number of decayed, missing and filled permanent teeth per nine year old child declined from 3.10 in 1976-77 to 0.90 in 1988-89.

**Total DMF and DEF for the Average Six Year Old Child by Program Year**




D — decayed
M — missing
E — extracted
F — filled

**Note:** The missing plus extractec teeth for the average six year old was 0.01 in 1987/88 and 0.03 in 1988/89.

## Clinical Services Provided Through the Children's Dental Program
## September 1988 to August 1989

| Service Description | Number (By Year of Birth) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | **Totals** |
| **Diagnostic** | | | | | | | | | | | | |
| Examinations | 1,230 | 10,229 | 11,443 | 12,165 | 12,286 | 12,803 | 12,968 | 13,032 | 13,193 | 12,490 | 4,714 | **116,553** |
| Periapical Radiograms | 117 | 1,126 | 1,307 | 1,479 | 1,589 | 1,795 | 2,015 | 2,121 | 1,682 | 1,373 | 384 | **14,988** |
| Occlusal X-rays | 21 | 181 | 199 | 250 | 317 | 342 | 521 | 541 | 566 | 544 | 218 | **3,700** |
| Panoramic Radiograms | 0 | 3 | 3 | 3 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | **14** |
| Bitewing X-rays | 946 | 8,071 | 8,754 | 9,285 | 9,454 | 10,072 | 10,146 | 10,304 | 10,145 | 9,354 | 3,342 | **89,873** |
| Diagnostic Casts | 3 | 74 | 73 | 103 | 120 | 148 | 187 | 162 | 120 | 56 | 7 | **1,053** |
| **Preventive** | | | | | | | | | | | | |
| Dental prophylaxis, oral hygiene instruction, light scaling, topical fluoride application | 1,200 | 9,860 | 11,025 | 11,721 | 11,850 | 12,392 | 12,508 | 12,580 | 12,599 | 11,836 | 4,372 | **111,943** |
| Pit and Fissure Sealants | 841 | 8,317 | 9,354 | 7,087 | 4,499 | 4,627 | 7,588 | 13,826 | 12,621 | 2,891 | 165 | **71,816** |
| Space Maintainers | 2 | 14 | 15 | 41 | 74 | 143 | 309 | 458 | 506 | 396 | 72 | **2,030** |
| **Restorative** | | | | | | | | | | | | |
| Caries Control | 2 | 43 | 51 | 56 | 52 | 86 | 87 | 113 | 166 | 239 | 131 | **1,026** |
| Amalgam Restorations | | | | | | | | | | | | |
| — Primary Tooth | 9 | 124 | 345 | 1,235 | 2,966 | 5,488 | 7,884 | 9,545 | 13,270 | 18,197 | 5,489 | **64,552** |
| — Permanent Tooth | 932 | 8,349 | 7,069 | 5,419 | 4,252 | 3,880 | 4,386 | 4,170 | 2,021 | 420 | 13 | **40,911** |
| Retention Pins for Restorations | 7 | 73 | 82 | 70 | 59 | 49 | 64 | 34 | 5 | 6 | 3 | **452** |
| Acrylic or Composite Restorations | 110 | 1,231 | 1,031 | 831 | 761 | 643 | 539 | 351 | 77 | 5 | 1 | **5,580** |
| Crowns — Stainless Steel or Acrylic | 9 | 102 | 109 | 195 | 305 | 559 | 822 | 1,130 | 1,644 | 2,614 | 717 | **8,206** |
| **Endodontics** | | | | | | | | | | | | |
| Therapeutic Apical Closure | 0 | 3 | 4 | 7 | 6 | 19 | 30 | 8 | 0 | 0 | 0 | **77** |
| Pulpotomy | 2 | 20 | 43 | 102 | 213 | 408 | 634 | 934 | 1,519 | 2,561 | 720 | **7,156** |
| Root Canal | 6 | 71 | 74 | 62 | 49 | 43 | 27 | 9 | 0 | 0 | 0 | **341** |
| Trephenation | 0 | 6 | 4 | 4 | 3 | 11 | 12 | 5 | 15 | 18 | 3 | **81** |
| Reposition Traumatically Displaced Tooth | 1 | 14 | 11 | 15 | 16 | 5 | 28 | 31 | 10 | 8 | 0 | **139** |
| **Prosthetic Services** | | | | | | | | | | | | |
| Full Denture | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | **1** |
| Partial Dentures | 0 | 9 | 14 | 17 | 8 | 5 | 3 | 2 | 0 | 1 | 0 | **59** |
| Partial Denture Repairs | 0 | 3 | 4 | 6 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | **18** |
| **Oral Surgery** | | | | | | | | | | | | |
| Extractions | 109 | 1,738 | 3,177 | 4,378 | 4,442 | 3,538 | 3,522 | 3,934 | 3,725 | 2,091 | 304 | **30,958** |
| Other Procedures | 5 | 99 | 86 | 105 | 101 | 92 | 120 | 123 | 132 | 242 | 44 | **1,149** |
| **Adjunctive General Services** | | | | | | | | | | | | |
| Palliative (Emergency) Treatment | 1 | 54 | 59 | 78 | 75 | 94 | 108 | 135 | 137 | 114 | 24 | **879** |
| Hospital Visits | 0 | 7 | 5 | 6 | 10 | 7 | 24 | 44 | 75 | 182 | 59 | **419** |